

VA

TABLES

FOR REDUCING

W. C. Morgan
1871

SAW-LOGS

TO THE

VARIOUS STANDARDS IN USE,

SHOWING ALSO THEIR CONTENTS IN

CUBIC FEET AND BOARD MEASURE.

BY

MAXFIELD SHEPPARD.



QUEBEC:

PRINTED BY C. DARVEAU, No. 8, MOUNTAIN HILL.

1863.

TABLES
SAW-LOGS

VARIOUS STANDARDS IN USE

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H. C. Morgan
INTRODUCTORY REMARKS

AND

EXPLANATIONS.

Custom has not yet fixed any invariable Standard for Saw-logs ; for although a log, 12 feet in length and 22 inches in diameter at the small end, is generally understood to be a Standard log, yet in a contract or sale of logs the size to be adopted as the Standard is always a matter of agreement between buyer and seller. It is therefore necessary, in endeavouring to fill up the void which is acknowledged to exist in the want of tables for facilitating the computation of the contents of saw-logs, to give the various Standards which are in use. The author has prepared such tables with great care and labour, and now brings them before the public, trusting that they will be found useful in saving time and trouble to those engaged in the branch of business to which they relate.

The decimal system has been adopted in this work, the advantages of which are manifest in all commercial matters.

The tables on pages 1 to 30 inclusive will enable a person having the measurement of a lot of logs, of various lengths and diameters, to ascertain with very little trouble how many logs of 12 feet in length and 22 inches in diameter will contain exactly an equal quantity of timber.

Those on pages 31 to 60 will serve to convert logs into the Standard of 12 feet by 21 inches.

Pages 61 and 62 contain tables for reducing logs to the Standard of 20 and 19 inches respectively : and pages 63 and 64 are intended for Spruce logs, when it is desired to convert them into the Standards of

16, 15, 14 or 13 inches. As however these Standards are not so much in use as those of 22 or 21 inches, the equivalent of one piece only, of each length and diameter, is given. They are carried out to four decimal places to insure greater accuracy when the number of logs is large. To make use of them, multiply the number of logs of any length and diameter by the equivalent of one log of those dimensions as shown in the table; in the product, place the decimal point to the left of the fourth figure from the right.

The Standard of 13 feet by 19 inches, given on page 65, is used in some parts of the west, though not in this section of the country.

The table on page 66 will show the exact contents of logs in board measure, (that is, 1 foot square by 1 inch in thickness;) and that on page 67, in cubic feet, inches and parts. Many arbitrary rules are used which purport to give the produce of logs when sawn up, but so much depends on the dimensions into which the timber is sawn, the thickness of the saws and other peculiarities which vary in different localities, that the author has thought it best to give the *exact contents*; merely adding, that in sawing logs into 3 inch deals as far as practicable, and into 2 inch and boards at the outside, the loss from saw-dust, slabs and edgings is found to be a little more than one fourth; there is however a further loss arising from butting and edging off defective parts; varying of course with the quality of the timber. In sawing altogether boards the waste is greater, owing to the increased number of cuts.

Montmorenci, October 1863.

STANDARD OF 12 FEET BY 22 INCHES.

1

Logs 12 Feet long.

Pcs.	12 ins.	13 ins.	Pcs.	14 ins.	15 ins.	Pcs.	12 ins.	13 ins.	Pcs.	14 ins.	15 ins.
1	.30	.35	1	.40	.46	56	16.66	19.55	56	22.68	26.03
2	.60	.70	2	.81	.93	57	16.96	19.90	57	23.08	26.50
3	.89	1.05	3	1.21	1.39	58	17.26	20.25	58	23.49	26.96
4	1.19	1.40	4	1.62	1.86	59	17.55	20.60	59	23.89	27.43
5	1.49	1.75	5	2.02	2.32	60	17.85	20.95	60	24.30	27.89
6	1.79	2.10	6	2.43	2.79	61	18.15	21.30	61	24.70	28.36
7	2.08	2.44	7	2.83	3.25	62	18.45	21.65	62	25.11	28.82
8	2.39	2.79	8	3.24	3.72	63	18.74	22.00	63	25.51	29.29
9	2.68	3.14	9	3.64	4.18	64	19.04	22.35	64	25.92	29.75
10	2.98	3.49	10	4.05	4.65	65	19.34	22.70	65	26.32	30.22
11	3.27	3.84	11	4.45	5.11	66	19.64	23.05	66	26.73	30.68
12	3.57	4.19	12	4.86	5.58	67	19.93	23.39	67	27.13	31.15
13	3.87	4.54	13	5.26	6.04	68	20.23	23.74	68	27.54	31.61
14	4.17	4.89	14	5.67	6.51	69	20.53	24.09	69	27.94	32.08
15	4.46	5.24	15	6.07	6.97	70	20.83	24.44	70	28.35	32.54
16	4.76	5.59	16	6.48	7.44	71	21.12	24.79	71	28.75	33.01
17	5.06	5.94	17	6.88	7.90	72	21.42	25.14	72	29.16	33.47
18	5.36	6.29	18	7.29	8.37	73	21.72	25.49	73	29.56	33.94
19	5.65	6.63	19	7.69	8.83	74	22.02	25.84	74	29.97	34.40
20	5.95	6.98	20	8.10	9.30	75	22.31	26.19	75	30.37	34.87
21	6.25	7.33	21	8.50	9.76	76	22.61	26.54	76	30.78	35.33
22	6.55	7.68	22	8.91	10.23	77	22.91	26.89	77	31.18	35.80
23	6.84	8.03	23	9.31	10.69	78	23.21	27.24	78	31.59	36.26
24	7.14	8.38	24	9.72	11.16	79	23.50	27.58	79	31.99	36.73
25	7.44	8.73	25	10.12	11.62	80	23.80	27.93	80	32.40	37.19
26	7.74	9.08	26	10.53	12.09	81	24.10	28.28	81	32.80	37.66
27	8.03	9.43	27	10.93	12.55	82	24.40	28.63	82	33.21	38.12
28	8.33	9.78	28	11.34	13.02	83	24.69	28.98	83	33.61	38.59
29	8.63	10.13	29	11.74	13.48	84	24.99	29.33	84	34.02	39.05
30	8.93	10.48	30	12.15	13.95	85	25.29	29.68	85	34.42	39.52
31	9.22	10.82	31	12.55	14.41	86	25.59	30.03	86	34.83	39.98
32	9.52	11.17	32	12.96	14.88	87	25.88	30.38	87	35.23	40.45
33	9.82	11.52	33	13.36	15.34	88	26.18	30.73	88	35.64	40.91
34	10.12	11.87	34	13.77	15.81	89	26.48	31.08	89	36.04	41.38
35	10.41	12.22	35	14.17	16.27	90	26.78	31.43	90	36.45	41.84
36	10.71	12.57	36	14.58	16.74	91	27.07	31.77	91	36.85	42.31
37	11.01	12.92	37	14.98	17.20	92	27.37	32.12	92	37.26	42.77
38	11.31	13.27	38	15.39	17.67	93	27.67	32.47	93	37.66	43.24
39	11.60	13.62	39	15.79	18.13	94	27.97	32.82	94	38.07	43.70
40	11.90	13.97	40	16.20	18.60	95	28.26	33.17	95	38.47	44.17
41	12.20	14.32	41	16.60	19.06	96	28.56	33.52	96	38.88	44.63
42	12.50	14.67	42	17.01	19.53	97	28.86	33.87	97	39.28	45.10
43	12.79	15.01	43	17.41	19.99	98	29.16	34.22	98	39.69	45.56
44	13.09	15.36	44	17.82	20.45	99	29.46	34.57	99	40.09	46.03
45	13.39	15.71	45	18.22	20.92	100	29.75	34.92	100	40.50	46.49
46	13.69	16.06	46	18.63	21.38	200	59.50	69.83	200	80.99	92.98
47	13.98	16.41	47	19.03	21.85	300	89.26	104.75	300	121.49	139.46
48	14.28	16.76	48	19.44	22.31	400	119.01	139.67	400	161.98	185.95
49	14.58	17.11	49	19.84	22.78	500	148.76	174.59	500	202.48	232.44
50	14.88	17.46	50	20.25	23.24	600	178.51	209.50	600	242.98	278.93
51	15.17	17.81	51	20.65	23.71	700	208.26	244.42	700	283.47	325.41
52	15.47	18.16	52	21.06	24.17	800	238.02	279.34	800	323.97	371.90
53	15.77	18.51	53	21.46	24.64	900	267.77	314.26	900	364.46	418.39
54	16.07	18.86	54	21.87	25.10	1000	297.52	349.17	1000	404.96	464.88
55	16.36	19.20	55	22.27	25.57	2000	595.04	698.35	2000	809.92	929.75

STANDARD OF 12 FEET BY 22 INCHES.

Logs 12 Feet long.

Pcs.	16 ins.	17 ins.	Pcs.	18 ins.	19 ins.	Pcs.	16 ins.	17 ins.	Pcs.	18 ins.	19 ins.
1	.53	.60	1	.67	.75	56	29.62	33.44	56	37.49	41.77
2	1.06	1.19	2	1.34	1.49	57	30.15	34.04	57	38.16	42.51
3	1.59	1.79	3	2.01	2.24	58	30.68	34.63	58	38.83	43.26
4	2.12	2.39	4	2.68	2.98	59	31.21	35.23	59	39.50	44.01
5	2.64	2.99	5	3.35	3.73	60	31.74	35.83	60	40.17	44.75
6	3.17	3.58	6	4.02	4.48	61	32.26	36.42	61	40.83	45.50
7	3.70	4.18	7	4.69	5.22	62	32.79	37.02	62	41.50	46.24
8	4.23	4.78	8	5.36	5.97	63	33.32	37.62	63	42.17	46.99
9	4.76	5.37	9	6.02	6.71	64	33.85	38.21	64	42.84	47.74
10	5.29	5.97	10	6.69	7.46	65	34.38	38.81	65	43.51	48.48
11	5.82	6.57	11	7.36	8.20	66	34.91	39.41	66	44.18	49.23
12	6.35	7.17	12	8.03	8.95	67	35.44	40.01	67	44.85	49.97
13	6.88	7.76	13	8.70	9.70	68	35.97	40.60	68	45.52	50.72
14	7.40	8.36	14	9.37	10.44	69	36.50	41.20	69	46.19	51.46
15	7.93	8.96	15	10.04	11.19	70	37.02	41.80	70	46.86	52.21
16	8.46	9.55	16	10.71	11.93	71	37.55	42.39	71	47.53	52.96
17	8.99	10.15	17	11.38	12.68	72	38.08	42.99	72	48.20	53.70
18	9.52	10.75	18	12.05	13.43	73	38.61	43.59	73	48.87	54.45
19	10.05	11.35	19	12.72	14.17	74	39.14	44.19	74	49.54	55.19
20	10.58	11.94	20	13.39	14.92	75	39.67	44.78	75	50.21	55.94
21	11.11	12.54	21	14.06	15.66	76	40.20	45.38	76	50.88	56.69
22	11.64	13.14	22	14.73	16.41	77	40.73	45.98	77	51.55	57.43
23	12.17	13.73	23	15.40	17.15	78	41.26	46.57	78	52.21	58.18
24	12.69	14.33	24	16.07	17.90	79	41.79	47.17	79	52.88	58.92
25	13.22	14.93	25	16.74	18.65	80	42.31	47.77	80	53.55	59.67
26	13.75	15.52	26	17.40	19.39	81	42.84	48.37	81	54.22	60.42
27	14.28	16.12	27	18.07	20.14	82	43.37	48.96	82	54.89	61.16
28	14.81	16.72	28	18.74	20.88	83	43.90	49.56	83	55.56	61.91
29	15.34	17.32	29	19.41	21.63	84	44.43	50.16	84	56.23	62.65
30	15.87	17.91	30	20.08	22.38	85	44.96	50.75	85	56.90	63.40
31	16.40	18.51	31	20.75	23.12	86	45.49	51.35	86	57.57	64.14
32	16.93	19.11	32	21.42	23.87	87	46.02	51.95	87	58.24	64.89
33	17.45	19.70	33	22.09	24.61	88	46.55	52.55	88	58.91	65.64
34	17.98	20.30	34	22.76	25.36	89	47.07	53.14	89	59.58	66.38
35	18.51	20.90	35	23.43	26.11	90	47.60	53.74	90	60.25	67.13
36	19.04	21.50	36	24.10	26.85	91	48.13	54.34	91	60.92	67.87
37	19.57	22.09	37	24.77	27.60	92	48.66	54.93	92	61.59	68.62
38	20.10	22.69	38	25.44	28.34	93	49.19	55.53	93	62.26	69.37
39	20.63	23.29	39	26.11	29.09	94	49.72	56.13	94	62.93	70.11
40	21.16	23.88	40	26.78	29.83	95	50.25	56.73	95	63.59	70.86
41	21.69	24.48	41	27.45	30.58	96	50.78	57.32	96	64.26	71.60
42	22.21	25.08	42	28.12	31.33	97	51.31	57.92	97	64.93	72.35
43	22.74	25.68	43	28.79	32.07	98	51.83	58.52	98	65.60	73.10
44	23.27	26.27	44	29.45	32.82	99	52.36	59.11	99	66.27	73.84
45	23.80	26.87	45	30.12	33.56	100	52.89	59.71	100	66.94	74.59
46	24.33	27.47	46	30.79	34.31	200	105.79	119.42	200	133.88	149.17
47	24.86	28.06	47	31.46	35.06	300	158.68	179.13	300	200.83	223.76
48	25.39	28.66	48	32.13	35.80	400	211.57	238.84	400	267.77	298.35
49	25.92	29.26	49	32.80	36.55	500	264.46	298.55	500	334.71	372.93
50	26.45	29.86	50	33.47	37.29	600	317.36	358.26	600	401.65	447.52
51	26.98	30.45	51	34.14	38.04	700	370.25	417.98	700	468.59	522.11
52	27.50	31.05	52	34.81	38.79	800	423.14	477.69	800	535.54	596.69
53	28.03	31.65	53	35.48	39.53	900	476.03	537.40	900	602.48	671.28
54	28.56	32.24	54	36.15	40.28	1000	528.93	597.11	1000	669.42	745.87
55	29.09	32.84	55	36.82	41.02	2000	1057.85	1194.21	2000	1338.84	1491.74

STANDARD OF 12 FEET BY 22 INCHES.

3

Logs 12 Feet long.

19 ins.	Pcs.	20 ins.	21 ins.	Pcs.	22 ins.	23 ins.	Pcs.	20 ins.	21 ins.	Pcs.	22 ins.	23 ins.
41.77	1	.83	.91	1	1.00	1.09	56	46.28	51.02	56	56.00	61.21
42.51	2	1.65	1.82	2	2.00	2.19	57	47.11	51.94	57	57.00	62.30
43.26	3	2.48	2.73	3	3.00	3.28	58	47.93	52.85	58	58.00	63.39
44.01	4	3.31	3.64	4	4.00	4.37	59	48.76	53.76	59	59.00	64.49
44.75	5	4.13	4.56	5	5.00	5.46	60	49.59	54.67	60	60.00	65.58
45.50	6	4.96	5.47	6	6.00	6.56	61	50.41	55.58	61	61.00	66.67
46.24	7	5.79	6.38	7	7.00	7.65	62	51.24	56.49	62	62.00	67.76
46.99	8	6.61	7.29	8	8.00	8.74	63	52.07	57.40	63	63.00	68.86
47.74	9	7.44	8.20	9	9.00	9.84	64	52.89	58.31	64	64.00	69.95
48.48	10	8.26	9.11	10	10.00	10.93	65	53.72	59.23	65	65.00	71.04
49.23	11	9.09	10.02	11	11.00	12.02	66	54.55	60.14	66	66.00	72.14
49.97	12	9.92	10.93	12	12.00	13.12	67	55.37	61.05	67	67.00	73.23
50.72	13	10.74	11.85	13	13.00	14.21	68	56.20	61.96	68	68.00	74.32
51.46	14	11.57	12.76	14	14.00	15.30	69	57.02	62.87	69	69.00	75.42
52.21	15	12.40	13.67	15	15.00	16.39	70	57.85	63.78	70	70.00	76.51
52.96	16	13.22	14.58	16	16.00	17.49	71	58.68	64.69	71	71.00	77.60
53.70	17	14.05	15.49	17	17.00	18.58	72	59.50	65.60	72	72.00	78.69
54.45	18	14.88	16.40	18	18.00	19.67	73	60.33	66.51	73	73.00	79.79
55.19	19	15.70	17.31	19	19.00	20.77	74	61.16	67.43	74	74.00	80.88
55.94	20	16.53	18.22	20	20.00	21.86	75	61.98	68.34	75	75.00	81.97
56.69	21	17.36	19.13	21	21.00	22.95	76	62.81	69.25	76	76.00	83.07
57.43	22	18.18	20.05	22	22.00	24.05	77	63.64	70.16	77	77.00	84.16
58.18	23	19.01	20.96	23	23.00	25.14	78	64.46	71.07	78	78.00	85.25
58.92	24	19.83	21.87	24	24.00	26.23	79	65.29	71.98	79	79.00	86.34
59.67	25	20.66	22.78	25	25.00	27.32	80	66.12	72.89	80	80.00	87.44
60.42	26	21.49	23.69	26	26.00	28.42	81	66.94	73.80	81	81.00	88.53
61.16	27	22.31	24.60	27	27.00	29.51	82	67.77	74.71	82	82.00	89.62
61.91	28	23.14	25.51	28	28.00	30.60	83	68.59	75.63	83	83.00	90.72
62.65	29	23.97	26.42	29	29.00	31.70	84	69.42	76.54	84	84.00	91.81
63.40	30	24.79	27.33	30	30.00	32.79	85	70.25	77.45	85	85.00	92.90
64.14	31	25.62	28.25	31	31.00	33.88	86	71.07	78.36	86	86.00	94.00
64.89	32	26.45	29.16	32	32.00	34.98	87	71.90	79.27	87	87.00	95.09
65.64	33	27.27	30.07	33	33.00	36.07	88	72.73	80.18	88	88.00	96.18
66.38	34	28.10	30.98	34	34.00	37.16	89	73.55	81.09	89	89.00	97.27
67.13	35	28.93	31.89	35	35.00	38.25	90	74.38	82.00	90	90.00	98.37
67.87	36	29.75	32.80	36	36.00	39.35	91	75.21	82.92	91	91.00	99.46
68.62	37	30.58	33.71	37	37.00	40.44	92	76.03	83.83	92	92.00	100.55
69.37	38	31.40	34.62	38	38.00	41.53	93	76.86	84.74	93	93.00	101.65
70.11	39	32.23	35.53	39	39.00	42.63	94	77.69	85.65	94	94.00	102.74
70.86	40	33.06	36.45	40	40.00	43.72	95	78.51	86.56	95	95.00	103.83
71.60	41	33.88	37.36	41	41.00	44.81	96	79.34	87.47	96	96.00	104.93
72.35	42	34.71	38.27	42	42.00	45.90	97	80.17	88.38	97	97.00	106.02
73.10	43	35.54	39.18	43	43.00	47.00	98	80.99	89.29	98	98.00	107.11
73.84	44	36.36	40.09	44	44.00	48.09	99	81.82	90.20	99	99.00	108.20
74.59	45	37.19	41.00	45	45.00	49.18	100	82.64	91.12	100	100.00	109.30
149.17	46	38.02	41.91	46	46.00	50.28	200	165.29	182.23	200	200.00	218.60
223.76	47	38.84	42.82	47	47.00	51.37	300	247.93	273.35	300	300.00	327.89
298.35	48	39.67	43.74	48	48.00	52.46	400	330.58	364.46	400	400.00	437.19
372.93	49	40.50	44.65	49	49.00	53.56	500	413.22	455.58	500	500.00	546.49
447.52	50	41.32	45.56	50	50.00	54.65	600	495.87	546.69	600	600.00	655.79
522.11	51	42.15	46.47	51	51.00	55.74	700	578.51	637.81	700	700.00	765.08
596.69	52	42.98	47.38	52	52.00	56.83	800	661.16	728.93	800	800.00	874.38
671.28	53	43.80	48.29	53	53.00	57.93	900	743.80	820.04	900	900.00	983.68
745.87	54	44.63	49.20	54	54.00	59.02	1000	826.45	911.16	1000	1000.00	1092.98
491.74	55	45.45	50.11	55	55.00	60.11	2000	1652.89	1822.31	2000	2000.00	2185.95

STANDARD OF 12 FEET BY 22 INCHES.

Logs 12 Feet long.

Pcs.	24 ins.	25 ins.	Pcs.	26 ins.	27 ins.	Pcs.	24 ins.	25 ins.	Pcs.	26 ins.	27 ins.
1	1.19	1.29	1	1.40	1.51	56	66.64	72.31	56	78.21	84.35
2	2.38	2.58	2	2.79	3.01	57	67.83	73.61	57	79.61	85.85
3	3.57	3.87	3	4.19	4.52	58	69.02	74.90	58	81.01	87.36
4	4.76	5.17	4	5.59	6.02	59	70.21	76.19	59	82.40	88.87
5	5.95	6.46	5	6.98	7.53	60	71.40	77.48	60	83.80	90.37
6	7.14	7.75	6	8.38	9.04	61	72.60	78.77	61	85.20	91.88
7	8.33	9.04	7	9.78	10.54	62	73.79	80.06	62	86.60	93.38
8	9.52	10.33	8	11.17	12.05	63	74.98	81.35	63	87.99	94.89
9	10.71	11.62	9	12.57	13.56	64	76.17	82.64	64	89.39	96.40
10	11.90	12.91	10	13.97	15.06	65	77.36	83.94	65	90.79	97.90
11	13.09	14.20	11	15.36	16.57	66	78.55	85.23	66	92.18	99.41
12	14.28	15.50	12	16.76	18.07	67	79.74	86.52	67	93.58	100.91
13	15.47	16.79	13	18.16	19.58	68	80.93	87.81	68	94.98	102.42
14	16.66	18.08	14	19.55	21.09	69	82.12	89.10	69	96.37	103.93
15	17.85	19.37	15	20.95	22.59	70	83.31	90.39	70	97.77	105.43
16	19.04	20.66	16	22.35	24.10	71	84.50	91.68	71	99.17	106.94
17	20.23	21.95	17	23.74	25.61	72	85.69	92.98	72	100.56	108.45
18	21.42	23.24	18	25.14	27.11	73	86.88	94.27	73	101.96	109.95
19	22.61	24.53	19	26.54	28.62	74	88.07	95.56	74	103.36	111.46
20	23.80	25.83	20	27.93	30.12	75	89.26	96.85	75	104.75	112.96
21	24.99	27.12	21	29.33	31.63	76	90.45	98.14	76	106.15	114.47
22	26.18	28.41	22	30.73	33.14	77	91.64	99.43	77	107.55	115.98
23	27.37	29.70	23	32.12	34.64	78	92.83	100.72	78	108.94	117.48
24	28.56	30.99	24	33.52	36.15	79	94.02	102.01	79	110.34	118.99
25	29.75	32.28	25	34.92	37.65	80	95.21	103.31	80	111.74	120.50
26	30.94	33.57	26	36.31	39.16	81	96.40	104.60	81	113.13	122.00
27	32.13	34.87	27	37.71	40.67	82	97.59	105.89	82	114.53	123.51
28	33.32	36.16	28	39.11	42.17	83	98.78	107.18	83	115.93	125.01
29	34.51	37.45	29	40.50	43.68	84	99.97	108.47	84	117.32	126.52
30	35.70	38.74	30	41.90	45.19	85	101.16	109.76	85	118.72	128.03
31	36.89	40.03	31	43.30	46.69	86	102.35	111.05	86	120.12	129.53
32	38.08	41.32	32	44.69	48.20	87	103.54	112.34	87	121.51	131.04
33	39.27	42.61	33	46.09	49.70	88	104.73	113.64	88	122.91	132.55
34	40.46	43.90	34	47.49	51.21	89	105.92	114.93	89	124.31	134.05
35	41.65	45.20	35	48.88	52.72	90	107.11	116.22	90	125.70	135.56
36	42.84	46.49	36	50.28	54.22	91	108.30	117.51	91	127.10	137.06
37	44.03	47.78	37	51.68	55.73	92	109.49	118.80	92	128.50	138.57
38	45.22	49.07	38	53.07	57.24	93	110.68	120.09	93	129.89	140.08
39	46.41	50.36	39	54.47	58.74	94	111.87	121.38	94	131.29	141.58
40	47.60	51.65	40	55.87	60.25	95	113.06	122.68	95	132.69	143.09
41	48.79	52.94	41	57.26	61.75	96	114.25	123.97	96	134.08	144.59
42	49.98	54.24	42	58.66	63.26	97	115.44	125.26	97	135.48	146.10
43	51.17	55.53	43	60.06	64.77	98	116.63	126.55	98	136.88	147.61
44	52.36	56.82	44	61.45	66.27	99	117.82	127.84	99	138.27	149.11
45	53.55	58.11	45	62.85	67.78	100	119.01	129.13	100	139.67	150.62
46	54.74	59.40	46	64.25	69.29	200	238.02	258.26	200	279.34	301.24
47	55.93	60.69	47	65.64	70.79	300	357.02	387.40	300	419.01	451.86
48	57.12	61.98	48	67.04	72.30	400	476.03	516.53	400	558.68	602.48
49	58.31	63.27	49	68.44	73.80	500	595.04	645.66	500	698.35	753.10
50	59.50	64.57	50	69.83	75.31	600	714.05	774.79	600	838.02	903.72
51	60.69	65.86	51	71.23	76.82	700	833.06	903.93	700	977.69	1054.34
52	61.88	67.15	52	72.63	78.32	800	952.07	1033.06	800	1117.36	1204.96
53	63.07	68.44	53	74.02	79.83	900	1071.07	1162.19	900	1257.02	1355.58
54	64.26	69.73	54	75.42	81.33	1000	1190.08	1291.32	1000	1396.69	1506.20
55	65.45	71.02	55	76.82	82.84	2000	2380.17	2582.64	2000	2793.39	3012.40

STANDARD OF 12 FEET BY 22 INCHES.

5

Logs 12 Feet long.

ns.	27 ins.	Pcs.	28 ins.	29 ins.	Pcs.	30 ins.	31 ins.	Pcs.	32 ins.	33 ins.	Pcs.	34 ins.	35 ins.
21	84.35	1	1.62	1.74	1	1.86	1.99	1	2.12	2.25	1	2.39	2.53
61	85.85	2	3.24	3.48	2	3.72	3.97	2	4.23	4.50	2	4.78	5.06
01	87.36	3	4.86	5.21	3	5.58	5.96	3	6.35	6.75	3	7.17	7.59
40	88.87	4	6.48	6.95	4	7.44	7.94	4	8.46	9.00	4	9.55	10.12
80	90.37	5	8.10	8.69	5	9.30	9.93	5	10.58	11.25	5	11.94	12.65
20	91.88	6	9.72	10.43	6	11.16	11.91	6	12.69	13.50	6	14.33	15.19
60	93.38	7	11.34	12.16	7	13.02	13.90	7	14.81	15.75	7	16.72	17.72
99	94.89	8	12.96	13.90	8	14.88	15.88	8	16.93	18.00	8	19.11	20.25
39	96.40	9	14.58	15.64	9	16.74	17.87	9	19.04	20.25	9	21.50	22.78
79	97.90	10	16.20	17.38	10	18.60	19.86	10	21.16	22.50	10	23.88	25.31
18	99.41	11	17.82	19.11	11	20.45	21.84	11	23.27	24.75	11	26.27	27.84
58	100.91	12	19.44	20.85	12	22.31	23.83	12	25.39	27.00	12	28.66	30.37
98	102.42	13	21.06	22.59	13	24.17	25.81	13	27.50	29.25	13	31.05	32.90
37	103.93	14	22.68	24.33	14	26.03	27.80	14	29.62	31.50	14	33.44	35.43
77	105.43	15	24.30	26.06	15	27.89	29.78	15	31.74	33.75	15	35.83	37.96
17	106.94	16	25.92	27.80	16	29.75	31.77	16	33.85	36.00	16	38.21	40.50
56	108.45	17	27.54	29.54	17	31.61	33.75	17	35.97	38.25	17	40.60	43.03
96	109.95	18	29.16	31.28	18	33.47	35.74	18	38.08	40.50	18	42.99	45.56
36	111.46	19	30.78	33.01	19	35.33	37.73	19	40.20	42.75	19	45.38	48.09
75	112.96	20	32.40	34.75	20	37.19	39.71	20	42.31	45.00	20	47.77	50.62
15	114.47	21	34.02	36.49	21	39.05	41.70	21	44.43	47.25	21	50.16	53.15
55	115.98	22	35.64	38.23	22	40.91	43.68	22	46.54	49.50	22	52.55	55.68
94	117.48	23	37.26	39.96	23	42.77	45.67	23	48.66	51.75	23	54.93	58.21
34	118.99	24	38.88	41.70	24	44.63	47.65	24	50.78	54.00	24	57.32	60.74
74	120.50	25	40.50	43.44	25	46.49	49.64	25	52.89	56.25	25	59.71	63.27
13	122.00	26	42.12	45.18	26	48.35	51.62	26	55.01	58.50	26	62.10	65.81
53	123.51	27	43.74	46.92	27	50.21	53.61	27	57.12	60.75	27	64.49	68.34
93	125.01	28	45.36	48.65	28	52.07	55.59	28	59.24	63.00	28	66.88	70.87
32	126.52	29	46.98	50.39	29	53.93	57.58	29	61.35	65.25	29	69.26	73.40
72	128.03	30	48.60	52.13	30	55.79	59.57	30	63.47	67.50	30	71.65	75.93
12	129.53	31	50.21	53.87	31	57.64	61.55	31	65.58	69.75	31	74.04	78.46
51	131.04	32	51.83	55.60	32	59.50	63.54	32	67.70	72.00	32	76.43	80.99
91	132.55	33	53.45	57.34	33	61.36	65.52	33	69.82	74.25	33	78.82	83.52
31	134.05	34	55.07	59.08	34	63.22	67.51	34	71.93	76.50	34	81.21	86.05
70	135.56	35	56.69	60.82	35	65.08	69.49	35	74.05	78.75	35	83.59	88.58
10	137.06	36	58.31	62.55	36	66.94	71.48	36	76.16	81.00	36	85.98	91.12
50	138.57	37	59.93	64.29	37	68.80	73.46	37	78.28	83.25	37	88.37	93.65
9	140.08	38	61.55	66.03	38	70.66	75.45	38	80.40	85.50	38	90.76	96.18
49	141.58	39	63.17	67.77	39	72.52	77.44	39	82.51	87.75	39	93.15	98.71
8	143.09	40	64.79	69.50	40	74.38	79.42	40	84.63	90.00	40	95.54	101.24
48	144.59	41	66.41	71.24	41	76.24	81.41	41	86.74	92.25	41	97.93	103.77
88	146.10	42	68.03	72.98	42	78.10	83.39	42	88.86	94.50	42	100.31	106.30
28	147.61	43	69.65	74.72	43	79.96	85.38	43	90.98	96.75	43	102.70	108.83
68	149.11	44	71.27	76.45	44	81.82	87.36	44	93.09	99.00	44	105.09	111.36
08	150.62	45	72.89	78.19	45	83.68	89.35	45	95.20	101.25	45	107.48	113.89
48	152.13	46	74.51	79.93	46	85.54	91.33	46	97.32	103.50	46	109.87	116.43
88	153.64	47	76.13	81.67	47	87.40	93.32	47	99.44	105.75	47	112.26	118.96
28	155.15	48	77.75	83.40	48	89.26	95.31	48	101.55	108.00	48	114.64	121.49
68	156.66	49	79.37	85.14	49	91.12	97.29	49	103.67	110.25	49	117.03	124.02
08	158.17	50	80.99	86.88	50	92.98	99.28	50	105.79	112.50	50	119.42	126.55
48	159.68	100	161.98	173.76	100	185.95	198.55	100	211.57	225.00	100	238.84	253.10
88	161.19	200	323.97	347.52	200	371.90	397.11	200	423.14	450.00	200	477.69	506.20
28	162.70	300	485.95	521.28	300	557.85	595.66	300	634.71	675.00	300	716.53	759.30
68	164.21	400	647.93	695.04	400	743.80	794.21	400	846.28	900.00	400	955.37	1012.40
08	165.72	500	809.92	868.80	500	929.75	992.77	500	1057.85	1125.00	500	1194.21	1265.50

STANDARD OF 12 FEET BY 22 INCHES.

Logs 12 Feet long.

Pcs.	36 ins.	37 ins.	Pcs.	38 ins.	39 ins.	Pcs.	40 ins.	41 ins.	Pcs.	42 ins.	43 ins.
1	2.68	2.83	1	2.98	3.14	1	3.31	3.47	1	3.84	3.82
2	5.36	5.66	2	5.97	6.29	2	6.61	6.95	2	7.29	7.64
3	8.03	8.49	3	8.95	9.43	3	9.92	10.42	3	10.93	11.46
4	10.71	11.31	4	11.93	12.57	4	13.22	13.80	4	14.58	15.28
5	13.39	14.14	5	14.92	15.71	5	16.53	17.37	5	18.22	19.10
6	16.07	16.97	6	17.90	18.86	6	19.83	20.84	6	21.87	22.92
7	18.74	19.80	7	20.88	22.00	7	23.14	24.31	7	25.51	26.74
8	21.42	22.63	8	23.87	25.14	8	26.45	27.79	8	29.16	30.56
9	24.10	25.46	9	26.85	28.28	9	29.75	31.26	9	32.80	34.38
10	26.78	28.29	10	29.83	31.43	10	33.06	34.73	10	36.45	38.20
11	29.45	31.11	11	32.82	34.57	11	36.36	38.20	11	40.09	42.02
12	32.13	33.94	12	35.80	37.71	12	39.67	41.08	12	43.73	45.84
13	34.81	36.77	13	38.79	40.85	13	42.98	45.15	13	47.38	49.66
14	37.49	39.60	14	41.77	44.00	14	46.28	48.02	14	51.02	53.48
15	40.17	42.43	15	44.75	47.14	15	49.59	52.10	15	54.67	57.30
16	42.84	45.26	16	47.74	50.28	16	52.89	55.57	16	58.31	61.12
17	45.52	48.08	17	50.72	53.42	17	56.20	59.04	17	61.96	64.94
18	48.20	50.91	18	53.70	56.57	18	59.50	62.52	18	65.60	68.76
19	50.88	53.72	19	56.69	59.71	19	62.81	65.99	19	69.25	72.58
20	53.55	56.57	20	59.67	62.85	20	66.12	69.40	20	72.89	76.40
21	56.23	59.40	21	62.65	65.99	21	69.42	72.93	21	76.54	80.23
22	58.91	62.23	22	65.64	69.14	22	72.73	76.41	22	80.18	84.05
23	61.59	65.06	23	68.62	72.28	23	76.03	79.88	23	83.83	87.87
24	64.26	67.88	24	71.60	75.42	24	79.34	83.35	24	87.47	91.69
25	66.94	70.71	25	74.59	78.56	25	82.64	86.83	25	91.12	95.51
26	69.62	73.54	26	77.57	81.71	26	85.95	90.30	26	94.76	99.33
27	72.30	76.37	27	80.55	84.85	27	89.26	93.77	27	98.40	103.15
28	74.98	79.20	28	83.54	87.99	28	92.56	97.25	28	102.05	106.97
29	77.65	82.03	29	86.52	91.13	29	95.87	100.72	29	105.69	110.79
30	80.33	84.86	30	89.50	94.28	30	99.17	104.19	30	109.34	114.61
31	83.01	87.68	31	92.49	97.42	31	102.48	107.67	31	112.98	118.43
32	85.69	90.51	32	95.47	100.56	32	105.79	111.14	32	116.63	122.25
33	88.37	93.34	33	98.45	103.70	33	109.09	114.61	33	120.27	126.07
34	91.04	96.17	34	101.44	106.85	34	112.40	118.09	34	123.92	129.89
35	93.72	99.00	35	104.42	109.99	35	115.70	121.56	35	127.56	133.71
36	96.40	101.83	36	107.40	113.13	36	119.01	125.03	36	131.21	137.53
37	99.07	104.65	37	110.39	116.27	37	122.31	128.61	37	134.85	141.35
38	101.75	107.48	38	113.37	119.42	38	125.62	131.98	38	138.50	145.17
39	104.43	110.31	39	116.36	122.56	39	128.93	135.45	39	142.14	148.99
40	107.11	113.14	40	119.34	125.70	40	132.23	138.93	40	145.79	152.81
41	109.79	115.97	41	122.32	128.85	41	135.54	142.40	41	149.43	156.63
42	112.46	118.80	42	125.31	131.99	42	138.84	145.87	42	153.08	160.45
43	115.14	121.63	43	128.29	135.13	43	142.15	149.35	43	156.72	164.27
44	117.82	124.45	44	131.27	138.27	44	145.45	152.82	44	160.36	168.09
45	120.50	127.28	45	134.26	141.42	45	148.76	156.20	45	164.01	171.91
46	123.17	130.11	46	137.24	144.56	46	152.07	159.76	46	167.65	175.73
47	125.85	132.94	47	140.22	147.70	47	155.37	163.24	47	171.30	179.55
48	128.53	135.77	48	143.21	150.84	48	158.68	166.71	48	174.94	183.37
49	131.21	138.60	49	146.19	153.99	49	161.98	170.18	49	178.59	187.19
50	133.88	141.43	50	149.17	157.13	50	165.29	173.66	50	182.23	191.01
100	267.77	282.85	100	298.35	314.26	100	330.58	347.31	100	364.46	382.02
200	535.54	565.70	200	596.69	628.51	200	661.16	694.63	200	728.93	764.05
300	803.31	848.55	300	895.04	942.77	300	991.74	1041.04	300	1093.39	1146.07
400	1071.07	1131.40	400	1193.39	1257.02	400	1322.31	1389.26	400	1457.85	1528.10
500	1338.84	1414.26	500	1491.74	1571.28	500	1652.89	1736.67	500	1822.31	1910.12
600	1606.61	1697.11	600	1790.08	1885.54	600	1983.47	2083.88	600	2186.78	2292.15
700	1874.38	1979.96	700	2088.43	2199.79	700	2314.05	2431.30	700	2551.24	2674.17
800	2142.15	2262.81	800	2386.78	2514.05	800	2644.63	2778.51	800	2915.70	3066.20
900	2409.92	2545.66	900	2685.12	2828.31	900	2975.21	3125.83	900	3280.17	3438.22

STANDARD OF 12 FEET BY 22 INCHES.

7

Logs 13 Feet long.

Pos.	12 ins.	13 ins.	Pos.	14 ins.	15 ins.	Pos.	16 ins.	17 ins.	Pos.	18 ins.	19 ins.
1	.32	.38	1	.44	.50	1	.57	.65	1	.73	.81
2	.64	.76	2	.88	1.01	2	1.15	1.29	2	1.45	1.62
3	.97	1.13	3	1.32	1.51	3	1.72	1.94	3	2.18	2.42
4	1.29	1.51	4	1.75	2.01	4	2.29	2.59	4	2.90	3.23
5	1.61	1.89	5	2.19	2.52	5	2.87	3.23	5	3.63	4.04
6	1.93	2.27	6	2.63	3.02	6	3.44	3.88	6	4.35	4.85
7	2.26	2.65	7	3.07	3.53	7	4.01	4.53	7	5.08	5.66
8	2.58	3.03	8	3.51	4.03	8	4.58	5.17	8	5.80	6.46
9	2.90	3.40	9	3.95	4.53	9	5.16	5.82	9	6.53	7.27
10	3.22	3.78	10	4.39	5.04	10	5.73	6.47	10	7.25	8.08
20	6.45	7.57	20	8.77	10.07	20	11.46	12.94	20	14.50	16.16
30	9.67	11.35	30	13.16	15.11	30	17.19	19.41	30	21.76	24.24
40	12.89	15.13	40	17.55	20.14	40	22.92	25.87	40	29.01	32.32
50	16.12	18.91	50	21.94	25.18	50	28.65	32.34	50	36.26	40.40
60	19.34	22.70	60	26.32	30.22	60	34.38	38.81	60	43.51	48.48
70	22.56	26.48	70	30.71	35.25	70	40.11	45.28	70	50.76	56.56
80	25.79	30.26	80	35.10	40.29	80	45.84	51.75	80	58.02	64.64
90	29.01	34.04	90	39.48	45.33	90	51.57	58.22	90	65.27	72.72
100	32.23	37.83	100	43.87	50.36	100	57.30	64.69	100	72.52	80.80
200	64.45	75.65	200	87.74	100.72	200	114.60	129.37	200	145.04	161.60
300	96.69	113.48	300	131.61	151.08	300	171.90	194.06	300	217.56	242.41
400	128.93	151.81	400	175.48	201.45	400	229.20	258.75	400	290.08	323.21
500	161.16	189.14	500	219.35	251.81	500	286.50	323.43	500	362.60	404.01
600	193.39	226.96	600	263.22	302.17	600	343.80	388.12	600	435.12	484.81
700	225.62	264.79	700	307.09	352.53	700	401.10	452.81	700	507.64	565.62
800	257.85	302.62	800	350.96	402.89	800	458.40	517.49	800	580.17	646.42
900	290.08	340.44	900	394.83	453.25	900	515.70	582.18	900	652.69	727.22
1000	322.31	378.27	1000	438.71	503.62	1000	573.00	646.87	1000	725.21	808.02

Pos.	20 ins.	21 ins.	Pos.	22 ins.	23 ins.	Pos.	24 ins.	25 ins.	Pos.	26 ins.	27 ins.
1	.90	.99	1	1.08	1.18	1	1.29	1.40	1	1.51	1.63
2	1.79	1.97	2	2.17	2.37	2	2.58	2.80	2	3.03	3.26
3	2.69	2.96	3	3.25	3.55	3	3.87	4.20	3	4.54	4.90
4	3.58	3.95	4	4.33	4.74	4	5.16	5.60	4	6.05	6.53
5	4.48	4.94	5	5.42	5.92	5	6.45	6.99	5	7.57	8.16
6	5.37	5.92	6	6.50	7.10	6	7.74	8.39	6	9.08	9.79
7	6.27	6.91	7	7.58	8.29	7	9.02	9.79	7	10.59	11.42
8	7.16	7.90	8	8.67	9.47	8	10.31	11.19	8	12.10	13.05
9	8.06	8.88	9	9.75	10.66	9	11.60	12.59	9	13.62	14.69
10	8.95	9.87	10	10.83	11.84	10	12.89	13.99	10	15.13	16.32
20	17.91	19.74	20	21.67	23.68	20	25.79	27.98	20	30.26	32.63
30	26.86	29.61	30	32.50	35.52	30	38.68	41.97	30	45.39	48.95
40	35.81	39.48	40	43.33	47.36	40	51.57	55.96	40	60.52	65.27
50	44.77	49.35	50	54.17	59.20	50	64.46	69.95	50	75.65	81.59
60	53.72	59.23	60	65.00	71.04	60	77.36	83.94	60	90.79	97.90
70	62.67	69.10	70	75.83	82.88	70	90.25	97.93	70	105.92	114.22
80	71.63	78.97	80	86.67	94.72	80	103.14	111.91	80	121.05	130.54
90	80.58	88.84	90	97.50	106.57	90	116.03	125.90	90	136.18	146.85
100	89.53	98.71	100	108.33	118.41	100	128.93	139.39	100	151.31	163.17
200	179.06	197.42	200	216.67	236.81	200	257.85	279.79	200	302.62	326.34
300	268.60	296.13	300	325.00	355.22	300	386.78	419.68	300	453.93	489.51
400	358.13	394.83	400	433.33	473.62	400	515.70	559.57	400	605.23	652.69
500	447.66	493.54	500	541.67	592.03	500	644.63	699.47	500	756.54	815.86
600	537.19	592.25	600	650.00	710.43	600	773.55	839.36	600	907.85	979.03
700	626.72	690.96	700	758.33	828.84	700	902.48	979.25	700	1059.16	1142.20
800	716.25	789.67	800	866.67	947.24	800	1031.40	1119.15	800	1210.47	1305.37
900	805.79	888.38	900	975.00	1065.65	900	1160.33	1259.04	900	1361.78	1468.54
1000	895.32	987.09	1000	1083.33	1184.06	1000	1289.26	1398.93	1000	1513.09	1631.71

STANDARD OF 12 FEET BY 22 INCHES.

Logs 13 Feet long.

Pcs.	28 ins.	29 ins.	Pcs.	30 ins.	31 ins.	Pcs.	32 ins.	33 ins.	Pcs.	34 ins.	35 ins.
1	1.75	1.88	1	2.01	2.15	1	2.29	2.44	1	2.59	2.74
2	3.51	3.76	2	4.03	4.30	2	4.58	4.87	2	5.17	5.48
3	5.26	5.65	3	6.04	6.45	3	6.88	7.31	3	7.76	8.23
4	7.02	7.53	4	8.06	8.60	4	9.17	9.75	4	10.35	10.97
5	8.77	9.41	5	10.07	10.75	5	11.46	12.19	5	12.94	13.71
6	10.53	11.29	6	12.09	12.91	6	13.75	14.62	6	15.52	16.45
7	12.28	13.18	7	14.10	15.06	7	16.04	17.06	7	18.11	19.19
8	14.04	15.06	8	16.12	17.21	8	18.34	19.50	8	20.70	21.94
9	15.79	16.94	9	18.13	19.36	9	20.63	21.94	9	23.29	24.68
10	17.55	18.82	10	20.14	21.51	10	22.92	24.37	10	25.87	27.42
20	35.10	37.65	20	40.29	43.02	20	45.84	48.75	20	51.75	54.84
30	52.64	56.47	30	60.43	64.53	30	68.76	73.12	30	77.62	82.26
40	70.19	75.30	40	80.58	86.04	40	91.68	97.50	40	103.50	109.68
50	87.74	94.12	50	100.72	107.55	50	114.60	121.87	50	129.37	137.10
60	105.29	112.94	60	120.87	129.06	60	137.52	146.25	60	155.25	164.51
70	122.84	131.77	70	141.01	150.57	70	160.44	170.62	70	181.12	191.93
80	140.39	150.59	80	161.16	172.08	80	183.36	195.00	80	207.00	219.35
90	157.93	169.42	90	181.30	193.59	90	206.28	219.37	90	232.87	246.77
100	175.48	188.24	100	201.45	215.10	100	229.20	243.75	100	258.75	274.19
200	350.96	376.48	200	402.89	430.20	200	458.40	487.50	200	517.49	548.38
300	526.45	564.72	300	604.34	645.30	300	687.60	731.25	300	776.24	822.57
400	701.93	752.96	400	805.79	860.40	400	916.80	975.00	400	1034.99	1096.76
500	877.41	941.20	500	1007.23	1075.50	500	1146.01	1218.75	500	1293.73	1370.95
600	1052.89	1129.44	600	1208.68	1290.60	600	1375.21	1462.50	600	1552.48	1645.14
700	1228.37	1317.68	700	1410.12	1505.70	700	1604.41	1706.25	700	1811.23	1919.34
800	1403.86	1505.92	800	1611.57	1720.80	800	1833.61	1950.00	800	2069.97	2193.53
900	1579.34	1694.16	900	1813.02	1935.90	900	2062.81	2193.75	900	2328.72	2467.72
1000	1754.82	1882.40	1000	2014.46	2151.00	1000	2292.01	2437.50	1000	2587.47	2741.91

Pcs.	36 ins.	37 ins.	Pcs.	38 ins.	39 ins.	Pcs.	40 ins.	41 ins.	Pcs.	42 ins.	43 ins.
1	2.90	3.06	1	3.23	3.40	1	3.58	3.76	1	3.95	4.14
2	5.80	6.13	2	6.46	6.81	2	7.16	7.53	2	7.90	8.28
3	8.70	9.19	3	9.70	10.21	3	10.74	11.29	3	11.85	12.42
4	11.60	12.26	4	12.93	13.62	4	14.33	15.05	4	15.79	16.55
5	14.50	15.32	5	16.16	17.02	5	17.91	18.81	5	19.74	20.69
6	17.40	18.39	6	19.39	20.43	6	21.49	22.58	6	23.69	24.83
7	20.31	21.45	7	22.62	23.83	7	25.07	26.34	7	27.64	28.97
8	23.21	24.51	8	25.86	27.24	8	28.65	30.10	8	31.59	33.11
9	26.11	27.58	9	29.09	30.64	9	32.23	33.86	9	35.54	37.25
10	29.01	30.64	10	32.32	34.04	10	35.81	37.63	10	39.48	41.39
20	58.02	61.28	20	64.64	68.09	20	71.63	75.25	20	78.97	82.77
30	87.02	91.93	30	96.96	102.13	30	107.44	112.88	30	118.45	124.16
40	116.03	122.57	40	129.28	136.18	40	143.25	150.50	40	157.93	165.54
50	145.04	153.21	50	161.60	170.22	50	179.06	188.13	50	197.42	206.93
60	174.05	183.85	60	193.93	204.27	60	214.88	225.75	60	236.90	248.32
70	203.06	214.50	70	226.25	238.31	70	250.69	263.38	70	276.38	289.70
80	232.07	245.14	80	258.57	272.36	80	286.50	301.01	80	315.87	331.09
90	261.07	275.78	90	290.89	306.40	90	322.31	338.63	90	355.35	372.47
100	290.08	306.42	100	323.21	340.44	100	358.13	376.26	100	394.83	413.86
200	580.17	612.84	200	646.42	680.89	200	716.25	752.51	200	789.67	827.72
300	870.25	919.27	300	969.63	1021.33	300	1074.38	1128.77	300	1184.50	1241.58
400	1160.33	1225.69	400	1292.84	1361.78	400	1432.51	1505.03	400	1579.34	1655.44
500	1450.41	1532.11	500	1616.05	1702.22	500	1790.63	1881.28	500	1974.17	2069.30
600	1740.50	1838.53	600	1939.26	2042.67	600	2148.76	2257.54	600	2369.01	2483.16
700	2030.58	2144.96	700	2262.47	2383.11	700	2506.89	2633.80	700	2763.84	2897.02
800	2320.66	2451.38	800	2585.67	2723.55	800	2865.01	3010.06	800	3158.68	3310.88
900	2610.74	2757.80	900	2908.88	3064.00	900	3223.14	3386.31	900	3553.51	3724.74
1000	2900.83	3064.22	1000	3332.09	3404.44	1000	3581.27	3762.57	1000	3948.35	4138.60

STANDARD OF 12 FEET BY 22 INCHES.

Logs 14 Feet long.

ins. 35 ins.

2.59	2.74
5.17	5.48
7.76	8.23
9.35	10.97
10.94	13.71
12.52	16.45
14.11	19.19
15.70	21.94
17.29	24.68
18.87	27.42
20.45	30.16
22.04	32.90
23.62	35.64
25.20	38.38
26.79	41.12
28.37	43.86
29.95	46.60
31.54	49.34
33.12	52.08
34.71	54.82
36.29	57.56
37.88	60.30
39.46	63.04
41.05	65.78
42.63	68.52
44.22	71.26
45.80	74.00
47.39	76.74
48.97	79.48
50.56	82.22
52.14	84.96
53.73	87.70
55.31	90.44
56.90	93.18
58.48	95.92
60.07	98.66
61.65	101.40
63.24	104.14
64.82	106.88
66.41	109.62
67.99	112.36
69.58	115.10
71.16	117.84
72.75	120.58
74.33	123.32
75.92	126.06
77.50	128.80
79.09	131.54
80.67	134.28
82.26	137.02
83.84	139.76
85.43	142.50
87.01	145.24
88.60	147.98
90.18	150.72
91.77	153.46
93.35	156.20
94.94	158.94
96.52	161.68
98.11	164.42
99.69	167.16
101.28	169.90
102.86	172.64
104.45	175.38
106.03	178.12
107.62	180.86
109.20	183.60
110.79	186.34
112.37	189.08
113.96	191.82
115.54	194.56
117.13	197.30
118.71	200.04
120.30	202.78
121.88	205.52
123.47	208.26
125.05	211.00
126.64	213.74
128.22	216.48
129.81	219.22
131.39	221.96
132.98	224.70
134.56	227.44
136.15	230.18
137.73	232.92
139.32	235.66
140.90	238.40
142.49	241.14
144.07	243.88
145.66	246.62
147.24	249.36
148.83	252.10
150.41	254.84
152.00	257.58
153.58	260.32
155.17	263.06
156.75	265.80
158.34	268.54
159.92	271.28
161.51	274.02
163.09	276.76
164.68	279.50
166.26	282.24
167.85	284.98
169.43	287.72
171.02	290.46
172.60	293.20
174.19	295.94
175.77	298.68
177.36	301.42
178.94	304.16
180.53	306.90
182.11	309.64
183.70	312.38
185.28	315.12
186.87	317.86
188.45	320.60
190.04	323.34
191.62	326.08
193.21	328.82
194.79	331.56
196.38	334.30
197.96	337.04
199.55	339.78
201.13	342.52
202.72	345.26
204.30	348.00
205.89	350.74
207.47	353.48
209.06	356.22
210.64	358.96
212.23	361.70
213.81	364.44
215.40	367.18
216.98	369.92
218.57	372.66
220.15	375.40
221.74	378.14
223.32	380.88
224.91	383.62
226.49	386.36
228.08	389.10
229.66	391.84
231.25	394.58
232.83	397.32
234.42	400.06
235.99	402.80
237.58	405.54
239.16	408.28
240.75	411.02
242.33	413.76
243.92	416.50
245.50	419.24
247.09	421.98
248.67	424.72
250.26	427.46
251.84	430.20
253.43	432.94
254.99	435.68
256.58	438.42
258.16	441.16
259.75	443.90
261.33	446.64
262.92	449.38
264.50	452.12
266.09	454.86
267.67	457.60
269.26	460.34
270.84	463.08
272.43	465.82
273.99	468.56
275.58	471.30
277.16	474.04
278.75	476.78
280.33	479.52
281.92	482.26
283.50	485.00
285.09	487.74
286.67	490.48
288.26	493.22
289.84	495.96
291.43	498.70
292.99	501.44
294.58	504.18
296.16	506.92
297.75	509.66
299.33	512.40
300.92	515.14
302.50	517.88
304.09	520.62
305.67	523.36
307.26	526.10
308.84	528.84
310.43	531.58
312.01	534.32
313.60	537.06
315.18	539.80
316.77	542.54
318.35	545.28
319.94	548.02
321.52	550.76
323.11	553.50
324.69	556.24
326.28	558.98
327.86	561.72
329.45	564.46
331.03	567.20
332.62	569.94
334.20	572.68
335.79	575.42
337.37	578.16
338.96	580.90
340.54	583.64
342.13	586.38
343.71	589.12
345.30	591.86
346.88	594.60
348.47	597.34
350.05	600.08
351.64	602.82
353.22	605.56
354.81	608.30
356.39	611.04
357.98	613.78
359.56	616.52
361.15	619.26
362.73	622.00
364.32	624.74
365.90	627.48
367.49	630.22
369.07	632.96
370.66	635.70
372.24	638.44
373.83	641.18
375.41	643.92
377.00	646.66
378.58	649.40
380.17	652.14
381.75	654.88
383.34	657.62
384.92	660.36
386.51	663.10
388.09	665.84
389.68	668.58
391.26	671.32
392.85	674.06
394.43	676.80
396.02	679.54
397.60	682.28
399.19	685.02
400.77	687.76
402.36	690.50
403.94	693.24
405.53	695.98
407.11	698.72
408.70	701.46
410.28	704.20
411.87	706.94
413.45	709.68
415.04	712.42
416.62	715.16
418.21	717.90
419.79	720.64
421.38	723.38
422.96	726.12
424.55	728.86
426.13	731.60
427.72	734.34
429.30	737.08
430.89	739.82
432.47	742.56
434.06	745.30
435.64	748.04
437.23	750.78
438.81	753.52
440.40	756.26
441.98	759.00
443.57	761.74
445.15	764.48
446.74	767.22
448.32	769.96
449.91	772.70
451.49	775.44
453.08	778.18
454.66	780.92
456.25	783.66
457.83	786.40
459.42	789.14
460.99	791.88
462.58	794.62
464.16	797.36
465.75	800.10
467.33	802.84
468.92	805.58
470.50	808.32
472.09	811.06
473.67	813.80
475.26	816.54
476.84	819.28
478.43	822.02
479.99	824.76
481.58	827.50
483.16	830.24
484.75	832.98
486.33	835.72
487.92	838.46
489.50	841.20
491.09	843.94
492.67	846.68
494.26	849.42
495.84	852.16
497.43	854.90
498.99	857.64
500.58	860.38
502.16	863.12
503.75	865.86
505.33	868.60
506.92	871.34
508.50	874.08
510.09	876.82
511.67	879.56
513.26	882.30
514.84	885.04
516.43	887.78
517.99	890.52
519.58	893.26
521.16	896.00
522.75	898.74
524.33	901.48
525.92	904.22
527.50	906.96
529.09	909.70
530.67	912.44
532.26	915.18
533.84	917.92
535.43	920.66
536.99	923.40
538.58	926.14
540.16	928.88
541.75	931.62
543.33	934.36
544.92	937.10
546.50	939.84
548.09	942.58
549.67	945.32
551.26	948.06
552.84	950.80
554.43	953.54
555.99	956.28
557.58	959.02
559.16	961.76
560.75	964.50
562.33	967.24
563.92	970.00
565.50	972.74
567.09	975.48
568.67	978.22
570.26	980.96
571.84	983.70
573.43	986.44
574.99	989.18
576.58	991.92
578.16	994.66
579.75	997.40
581.33	1000.14

ins. 43 ins.

4.14
8.28
12.42
16.55
20.69
24.83
28.97
33.11
37.25
41.39
82.77
124.16
165.64
206.93
248.32
289.70
331.09
372.47
413.86
827.72
241.58
655.44
1069.30
483.16
897.02
310.88
724.74
35.60

STANDARD OF 12 FEET BY 22 INCHES.

Logs 14 Feet long.

Pos.	28 ins.	29 ins.	Pos.	30 ins.	31 ins.	Pos.	32 ins.	33 ins.	Pos.	34 ins.	35 ins.
1	1.89	2.03	1	2.17	2.32	1	2.47	2.62	1	2.79	2.95
2	3.78	4.05	2	4.34	4.63	2	4.94	5.25	2	5.57	5.91
3	5.67	6.08	3	6.51	6.95	3	7.40	7.87	3	8.36	8.86
4	7.56	8.11	4	8.68	9.27	4	9.87	10.50	4	11.15	11.81
5	9.45	10.14	5	10.85	11.58	5	12.34	13.12	5	13.93	14.76
6	11.34	12.16	6	13.02	13.90	6	14.81	15.75	6	16.72	17.72
7	13.23	14.19	7	15.19	16.22	7	17.28	18.37	7	19.51	20.67
8	15.12	16.22	8	17.36	18.52	8	19.75	21.00	8	22.29	23.62
9	17.01	18.24	9	19.52	20.85	9	22.21	23.62	9	25.08	26.58
10	18.90	20.27	10	21.69	23.16	10	24.68	26.25	10	27.87	29.53
20	37.80	40.54	20	43.39	46.33	20	49.37	52.50	20	55.73	59.06
30	56.69	60.82	30	65.08	69.49	30	74.05	78.75	30	83.60	88.58
40	75.59	81.09	40	86.78	92.66	40	98.73	105.00	40	111.46	118.11
50	94.49	101.36	50	108.47	115.82	50	123.42	131.25	50	139.33	147.64
60	113.39	121.63	60	130.17	138.99	60	148.10	157.50	60	167.19	177.17
70	132.29	141.90	70	151.86	162.15	70	172.78	183.75	70	195.06	206.70
80	151.18	162.18	80	173.55	185.32	80	197.47	210.00	80	222.92	236.23
90	170.08	182.45	90	195.25	208.48	90	222.15	236.25	90	250.79	265.75
100	188.98	202.72	100	216.94	231.65	100	246.83	262.50	100	278.65	295.28
200	377.96	405.44	200	433.88	463.29	200	493.66	525.00	200	557.30	590.56
300	566.94	608.16	300	650.83	694.94	300	740.50	787.50	300	835.95	885.85
400	755.92	810.88	400	867.77	926.58	400	987.33	1050.00	400	1114.60	1181.13
500	944.90	1013.60	500	1084.71	1158.23	500	1234.16	1312.50	500	1393.25	1476.41
600	1133.88	1216.32	600	1301.65	1389.88	600	1480.99	1575.00	600	1671.90	1771.69
700	1322.86	1419.04	700	1518.59	1621.52	700	1727.82	1837.50	700	1950.55	2068.98
800	1511.85	1621.77	800	1735.54	1853.17	800	1974.66	2100.00	800	2229.20	2362.26
900	1700.83	1824.48	900	1952.48	2084.81	900	2221.49	2362.50	900	2507.85	2657.54
1000	1889.81	2027.20	1000	2169.42	2316.46	1000	2468.32	2625.00	1000	2786.50	2952.82

Pos.	36 ins.	37 ins.	Pos.	38 ins.	39 ins.	Pos.	40 ins.	41 ins.	Pos.	42 ins.	43 ins.
1	3.12	3.30	1	3.48	3.67	1	3.86	4.05	1	4.25	4.46
2	6.25	6.60	2	6.96	7.33	2	7.71	8.10	2	8.50	8.91
3	9.37	9.90	3	10.44	11.00	3	11.57	12.16	3	12.76	13.37
4	12.50	13.20	4	13.92	14.67	4	15.43	16.21	4	17.01	17.83
5	15.62	16.50	5	17.40	18.33	5	19.28	20.26	5	21.26	22.28
6	18.74	19.80	6	20.88	22.00	6	23.14	24.31	6	25.51	26.74
7	21.87	23.10	7	24.37	25.66	7	27.00	28.36	7	29.76	31.20
8	24.99	26.40	8	27.85	29.33	8	30.86	32.42	8	34.02	35.66
9	28.16	29.70	9	31.33	33.00	9	34.71	36.47	9	38.27	40.11
10	31.24	33.00	10	34.81	36.66	10	38.57	40.52	10	42.52	44.57
20	62.48	66.00	20	69.61	73.33	20	77.13	81.04	20	85.04	89.14
30	93.72	99.00	30	104.42	109.99	30	115.70	121.56	30	127.56	133.71
40	124.96	132.00	40	139.23	146.65	40	154.27	162.08	40	170.08	178.28
50	156.20	165.00	50	174.04	183.32	50	192.84	202.60	50	212.60	222.85
60	187.44	198.00	60	208.84	219.98	60	231.40	243.12	60	255.12	267.42
70	218.68	231.00	70	243.65	256.64	70	269.97	283.64	70	297.64	311.99
80	249.92	263.99	80	278.46	293.81	80	308.54	324.16	80	340.17	356.56
90	281.16	296.99	90	313.26	329.97	90	347.11	364.68	90	382.69	401.13
100	312.40	329.99	100	348.07	366.63	100	385.67	405.20	100	425.21	445.70
200	624.79	659.99	200	696.14	733.26	200	771.35	810.40	200	850.41	891.39
300	937.19	989.98	300	1044.21	1099.90	300	1157.03	1215.60	300	1275.62	1337.09
400	1249.59	1319.97	400	1392.29	1466.53	400	1542.70	1620.80	400	1700.83	1782.78
500	1561.98	1649.97	500	1740.36	1833.16	500	1928.37	2026.00	500	2126.03	2228.48
600	1874.38	1979.96	600	2088.43	2199.79	600	2314.06	2431.20	600	2551.24	2674.17
700	2186.78	2309.95	700	2436.50	2568.43	700	2699.72	2836.40	700	2976.45	3119.87
800	2499.17	2639.94	800	2784.57	2933.06	800	3085.40	3241.60	800	3401.65	3565.56
900	2811.57	2969.94	900	3132.64	3299.69	900	3471.07	3646.80	900	3826.86	4011.26
1000	3123.97	3299.93	1000	3480.72	3666.32	1000	3856.75	4052.00	1000	4252.07	4456.96

11

Pos.	12 ins.	13 ins.	Pos.	14 ins.	15 ins.	Pos.	16 ins.	17 ins.	Pos.	18 ins.	19 ins.
1	.37	.44	1	.51	.58	1	.66	.75	1	.84	.93
2	.74	.87	2	1.01	1.16	2	1.32	1.49	2	1.67	1.86
3	1.12	1.31	3	1.52	1.74	3	1.98	2.24	3	2.51	2.80
4	1.49	1.75	4	2.02	2.32	4	2.64	2.99	4	3.35	3.73
5	1.86	2.18	5	2.53	2.91	5	3.31	3.73	5	4.18	4.66
6	2.23	2.62	6	3.04	3.49	6	3.97	4.48	6	5.02	5.59
7	2.60	3.06	7	3.54	4.07	7	4.63	5.22	7	5.86	6.53
8	2.98	3.49	8	4.05	4.65	8	5.29	5.97	8	6.69	7.46
9	3.35	3.93	9	4.56	5.23	9	5.95	6.72	9	7.53	8.39
10	3.72	4.36	10	5.06	5.81	10	6.61	7.46	10	8.37	9.32
20	7.44	8.73	20	10.12	11.62	20	13.22	14.93	20	16.74	18.65
30	11.16	13.09	30	15.19	17.43	30	19.83	22.39	30	25.10	27.97
40	14.88	17.46	40	20.25	23.24	40	26.45	29.86	40	33.47	37.29
50	18.60	21.82	50	25.31	29.05	50	33.06	37.32	50	41.84	46.62
60	22.31	26.19	60	30.37	34.87	60	39.67	44.78	60	50.21	55.94
70	26.03	30.55	70	35.43	40.68	70	46.28	52.25	70	58.57	65.28
80	29.75	34.92	80	40.50	46.49	80	52.89	59.71	80	66.94	74.59
90	33.47	39.28	90	45.56	52.30	90	59.50	67.17	90	75.31	83.91
100	37.19	43.65	100	50.62	58.11	100	66.12	74.64	100	83.68	93.23
200	74.38	87.29	200	101.24	116.22	200	132.23	149.28	200	167.36	186.47
300	111.57	130.94	300	151.86	174.33	300	198.35	223.92	300	251.03	279.70
400	148.76	174.50	400	202.48	232.44	400	264.46	298.55	400	334.71	372.93
500	185.95	218.23	500	253.10	290.55	500	330.58	373.19	500	418.39	466.17
600	223.14	261.88	600	303.72	348.66	600	396.69	447.83	600	502.07	559.40
700	260.33	305.53	700	354.34	406.77	700	462.81	522.47	700	585.74	652.63
800	297.52	349.17	800	404.96	464.88	800	528.93	597.11	800	669.42	745.87
900	334.71	392.82	900	455.58	522.99	900	595.04	671.75	900	753.10	839.10
1000	371.90	436.47	1000	506.20	581.10	1000	661.16	746.38	1000	836.78	932.33

Pos.	20 ins.	21 ins.	Pos.	22 ins.	23 ins.	Pos.	24 ins.	25 ins.	Pos.	26 ins.	27 ins.
1	1.03	1.14	1	1.25	1.37	1	1.49	1.61	1	1.75	1.88
2	2.07	2.28	2	2.50	2.73	2	2.98	3.23	2	3.49	3.77
3	3.10	3.42	3	3.75	4.10	3	4.46	4.84	3	5.24	5.65
4	4.13	4.56	4	5.00	5.46	4	5.95	6.46	4	6.98	7.53
5	5.17	5.69	5	6.25	6.83	5	7.44	8.07	5	8.73	9.41
6	6.20	6.83	6	7.50	8.20	6	8.93	9.68	6	10.48	11.30
7	7.23	7.97	7	8.75	9.56	7	10.41	11.30	7	12.22	13.18
8	8.										

Logs 15 Feet long.

Pcs.	28 ins.	29 ins.	Pcs.	30 ins.	31 ins.	Pcs.	32 ins.	33 ins.	Pcs.	34 ins.	35 ins.
1	2.02	2.17	1	2.32	2.48	1	2.64	2.81	1	2.99	3.16
2	4.05	4.34	2	4.65	4.96	2	5.29	5.63	2	5.97	6.33
3	6.07	6.52	3	6.97	7.45	3	7.93	8.44	3	8.96	9.49
4	8.10	8.69	4	9.30	9.93	4	10.58	11.25	4	11.94	12.65
5	10.12	10.86	5	11.62	12.41	5	13.22	14.06	5	14.93	15.82
6	12.15	13.03	6	13.95	14.89	6	15.87	16.88	6	17.91	18.98
7	14.17	15.20	7	16.27	17.37	7	18.51	19.69	7	20.90	22.15
8	16.20	17.38	8	18.60	19.86	8	21.16	22.50	8	23.88	25.31
9	18.22	19.55	9	20.92	22.34	9	23.80	25.31	9	26.87	28.47
10	20.25	21.72	10	23.24	24.82	10	26.45	28.13	10	29.86	31.64
20	40.50	43.44	20	46.49	49.64	20	52.89	56.25	20	59.71	63.27
30	60.74	65.16	30	69.73	74.46	30	79.34	84.38	30	89.57	94.91
40	80.99	86.88	40	92.98	99.28	40	105.79	112.50	40	119.42	126.55
50	101.24	108.60	50	116.22	124.10	50	132.23	140.63	50	149.28	158.19
60	121.49	130.32	60	139.46	148.92	60	158.68	168.75	60	179.13	189.82
70	141.74	152.04	70	162.71	173.73	70	185.12	196.88	70	208.99	221.46
80	161.98	173.76	80	185.95	198.55	80	211.57	225.00	80	238.84	253.10
90	182.23	195.48	90	209.19	223.37	90	238.02	253.13	90	268.70	284.74
100	202.48	217.20	100	232.44	248.19	100	264.46	281.25	100	298.55	316.37
200	404.96	434.40	200	464.88	496.38	200	528.93	562.50	200	597.11	632.75
300	607.44	651.60	300	697.31	744.58	300	793.39	843.75	300	895.66	949.12
400	809.92	868.80	400	929.75	992.77	400	1057.85	1125.00	400	1194.21	1265.50
500	1012.40	1086.00	500	1162.19	1240.96	500	1322.31	1406.25	500	1492.77	1581.87
600	1214.88	1303.20	600	1394.63	1489.15	600	1586.78	1687.50	600	1791.32	1898.24
700	1417.36	1520.40	700	1627.07	1737.35	700	1851.24	1968.75	700	2089.88	2214.62
800	1619.84	1737.60	800	1859.50	1985.54	800	2115.70	2250.00	800	2388.43	2530.99
900	1822.31	1954.80	900	2091.94	2233.73	900	2380.17	2531.25	900	2686.98	2847.37
1000	2024.79	2172.00	1000	2324.38	2481.92	1000	2644.63	2812.50	1000	2985.54	3163.74

Pcs.	36 ins.	37 ins.	Pcs.	38 ins.	39 ins.	Pcs.	40 ins.	41 ins.	Pcs.	42 ins.	43 ins.
1	3.35	3.54	1	3.73	3.93	1	4.13	4.34	1	4.56	4.78
2	6.69	7.07	2	7.46	7.86	2	8.26	8.68	2	9.11	9.55
3	10.04	10.61	3	11.19	11.78	3	12.40	13.02	3	13.67	14.33
4	13.39	14.14	4	14.92	15.71	4	16.53	17.37	4	18.22	19.10
5	16.74	17.68	5	18.65	19.64	5	20.66	21.71	5	22.79	23.88
6	20.08	21.21	6	22.38	23.57	6	24.79	26.05	6	27.33	28.65
7	23.43	24.75	7	26.11	27.50	7	28.93	30.39	7	31.89	33.43
8	26.78	28.29	8	29.83	31.43	8	33.06	34.73	8	36.45	38.20
9	30.12	31.82	9	33.56	35.35	9	37.19	39.07	9	41.00	42.98
10	33.47	35.36	10	37.29	39.28	10	41.32	43.41	10	45.56	47.75
20	66.94	70.71	20	74.59	78.56	20	82.64	86.83	20	91.12	95.51
30	100.41	106.07	30	111.88	117.85	30	123.97	130.24	30	136.67	143.26
40	133.88	141.43	40	149.17	157.13	40	165.29	173.66	40	182.23	191.01
50	167.36	176.78	50	186.47	196.41	50	206.61	217.07	50	227.79	238.77
60	200.83	212.14	60	223.76	235.69	60	247.93	260.49	60	273.35	286.52
70	234.30	247.49	70	261.05	274.97	70	289.26	303.90	70	318.90	334.27
80	267.77	282.85	80	298.35	314.26	80	330.58	347.31	80	364.46	382.02
90	301.24	318.21	90	335.64	353.54	90	371.90	390.73	90	410.02	429.78
100	334.71	353.56	100	372.93	392.82	100	413.22	434.14	100	455.58	477.53
200	669.42	707.13	200	745.87	785.64	200	826.45	868.29	200	911.16	955.06
300	1004.13	1060.69	300	1118.80	1178.46	300	1239.67	1302.43	300	1366.74	1432.59
400	1338.84	1414.26	400	1491.74	1571.28	400	1652.89	1736.57	400	1822.31	1910.12
500	1673.55	1767.82	500	1864.67	1964.10	500	2066.12	2170.71	500	2277.89	2387.65
600	2008.26	2121.38	600	2237.60	2356.92	600	2479.34	2604.86	600	2733.47	2865.19
700	2342.97	2474.95	700	2610.54	2749.74	700	2892.56	3039.00	700	3189.05	3342.72
800	2677.69	2828.51	800	2983.47	3142.56	800	3305.78	3473.14	800	3644.63	3820.25
900	3012.40	3182.08	900	3356.41	3535.38	900	3719.01	3907.28	900	4100.21	4297.78
1000	3347.11	3535.64	1000	3729.34	3928.20	1000	4132.23	4341.43	1000	4555.79	4775.31

STANDARD OF 12 FEET BY 22 INCHES.

13

Logs 16 Feet long.

ins.	35 ins.	Pcs.	12 ins.	13 ins.	Pcs.	14 ins.	15 ins.	Pcs.	16 ins.	17 ins.	Pcs.	18 ins.	19 ins.
.99	3.16	1	.40	.47	1	.54	.62	1	.71	.80	1	.89	.99
.97	6.33	2	.79	.93	2	1.08	1.24	2	1.41	1.59	2	1.79	1.99
.96	9.49	3	1.19	1.40	3	1.62	1.86	3	2.12	2.39	3	2.68	2.98
.94	12.65	4	1.59	1.86	4	2.16	2.48	4	2.82	3.18	4	3.57	3.98
.93	15.82	5	1.98	2.33	5	2.70	3.10	5	3.53	3.98	5	4.46	4.97
.91	18.98	6	2.38	2.79	6	3.24	3.72	6	4.23	4.78	6	5.36	5.97
.90	22.15	7	2.78	3.25	7	3.78	4.34	7	4.94	5.57	7	6.25	6.96
.88	25.31	8	3.17	3.72	8	4.32	4.96	8	5.64	6.37	8	7.14	7.96
.87	28.47	9	3.57	4.19	9	4.86	5.58	9	6.35	7.17	9	8.03	8.95
.86	31.64	10	3.97	4.66	10	5.40	6.20	10	7.05	7.96	10	8.93	9.94
.71	63.27	20	7.93	9.31	20	10.80	12.40	20	14.10	15.92	20	17.85	19.89
.67	94.91	30	11.90	13.97	30	16.20	18.60	30	21.16	23.88	30	26.78	29.83
.62	126.55	40	15.87	18.62	40	21.60	24.79	40	28.21	31.85	40	35.70	39.78
.58	158.19	50	19.83	23.28	50	27.00	30.99	50	35.26	39.81	50	44.63	49.72
.53	189.82	60	23.80	27.93	60	32.40	37.19	60	42.31	47.77	60	53.55	59.67
.49	221.46	70	27.77	32.59	70	37.80	43.39	70	49.37	55.73	70	62.48	69.61
.44	253.10	80	31.74	37.25	80	43.20	49.59	80	56.42	63.69	80	71.40	79.56
.40	284.74	90	35.70	41.90	90	48.60	55.79	90	63.47	71.65	90	80.33	89.50
.35	316.37	100	39.67	46.56	100	53.99	61.98	100	70.52	79.61	100	89.26	99.45
.31	632.75	200	79.34	93.11	200	107.99	123.97	200	141.05	159.23	200	178.51	198.90
.28	949.12	300	119.01	139.67	300	161.98	185.95	300	211.57	238.84	300	267.77	298.35
.24	1265.50	400	158.68	186.27	400	215.98	247.93	400	282.09	318.46	400	357.02	397.80
.21	1581.87	500	198.35	232.78	500	269.97	309.92	500	352.62	398.07	500	446.28	497.25
.18	1898.24	600	238.02	279.34	600	323.97	371.90	600	423.14	477.69	600	535.54	596.69
.15	2214.62	700	277.69	325.90	700	377.96	433.88	700	493.66	557.30	700	624.79	696.14
.12	2530.99	800	317.36	372.45	800	431.96	495.87	800	564.19	636.91	800	714.05	795.59
.09	2847.37	900	357.02	419.01	900	485.95	557.85	900	634.71	716.53	900	803.31	895.04
.06	3163.74	1000	396.69	465.56	1000	539.94	619.83	1000	705.23	796.14	1000	892.56	994.49

ins.	43 ins.	Pcs.	20 ins.	21 ins.	Pcs.	22 ins.	23 ins.	Pcs.	24 ins.	25 ins.	Pcs.	26 ins.	27 ins.
.99	4.78	1	1.10	1.21	1	1.33	1.46	1	1.59	1.72	1	1.86	2.01
.97	9.55	2	2.20	2.43	2	2.67	2.91	2	3.17	3.44	2	3.72	4.02
.96	14.33	3	3.31	3.64	3	4.00	4.37	3	4.76	5.17	3	5.59	6.02
.94	19.10	4	4.41	4.86	4	5.33	5.83	4	6.35	6.89	4	7.45	8.03
.93	23.88	5	5.51	6.07	5	6.67	7.29	5	7.93	8.61	5	9.31	10.04
.91	28.65	6	6.61	7.29	6	8.00	8.74	6	9.52	10.33	6	11.17	12.05
.90	33.43	7	7.71	8.50	7	9.33	10.20	7	11.11	12.05	7	13.04	14.06
.88	38.20	8	8.82	9.72	8	10.67	11.66	8	12.69	13.77	8	14.90	16.07
.87	42.98	9	9.92	10.93	9	12.00	13.12	9	14.28	15.50	9	16.76	18.07
.86	47.75	10	11.02	12.15	10	13.33	14.57	10	15.87	17.22	10	18.62	20.03
.84	52.51	20	22.04	24.30	20	26.67	29.15	20	31.74	34.44	20	37.25	40.17
.82	57.26	30	33.06	36.45	30	40.00	43.72	30	47.60	51.65	30	55.87	60.25
.80	62.01	40	44.08	48.60	40	53.33	58.29	40	63.47	68.87	40	74.49	80.33
.78	66.76	50	55.10	60.74	50	66.67	72.87	50	79.34	86.09	50	93.11	100.41
.76	71.51	60	66.12	72.89	60	80.00	87.44	60	95.21	103.31	60	111.74	120.50
.74	76.26	70	77.13	85.04	70	93.33	102.01	70	111.07	120.52	70	130.36	140.58
.72	81.01	80	88.15	97.19	80	106.67	116.58	80	126.94	137.74	80	148.98	160.66
.70	85.76	90	99.17	109.34	90	120.00	131.16	90	142.81	154.96	90	167.60	180.74
.68	90.51	100	110.19	121.49	100	133.33	145.73	100	158.68	172.18	100	186.23	200.83
.66	95.26	200	220.39	242.98	200	266.67	291.46	200	317.36	344.35	200	372.45	401.65
.64	99.99	300	330.58	364.46	300	400.00	437.19	300	476.03	516.53	300	558.68	602.48
.62	104.72	400	440.77	485.95	400	533.33	582.92	400	634.71	688.71	400	744.90	803.31
.60	109.45	500	550.96	607.44	500	666.67	728.65	500	793.39	860.88	500	931.13	1004.13
.58	114.18	600	661.16	728.93	600	800.00	874.38	600	952.07	1033.06	600	1117.36	1204.96
.56	118.91	700	771.35	850.41	700	933.33	1020.11	700	1110.74	1205.23	700	1303.58	1405.78
.54	123.64	800	881.54	971.90	800	1066.67	1165.84	800	1269.42	1377.41	800	1489.81	1606.61
.52	128.37	900	991.74	1093.39	900	1200.00	1311.57	900	1428.10	1549.58	900	1676.03	1807.44
.50	133.10	1000	1101.93	1214.88	1000	1333.33	1457.30	1000	1586.78	1721.76	1000	1862.26	2008.26

Logs 16 Feet long.

Pcs.	28 ins.	29 ins.	Pcs.	30 ins.	31 ins.	Pcs.	32 ins.	33 ins.	Pcs.	34 ins.	35 ins.
1	2.16	2.32	1	2.48	2.65	1	2.82	3.00	1	3.18	3.37
2	4.32	4.63	2	4.96	5.29	2	5.64	6.00	2	6.37	6.75
3	6.48	6.95	3	7.44	7.94	3	8.46	9.00	3	9.55	10.12
4	8.64	9.27	4	9.92	10.59	4	11.28	12.00	4	12.74	13.50
5	10.80	11.58	5	12.40	13.24	5	14.10	15.00	5	15.92	16.87
6	12.96	13.90	6	14.88	15.89	6	16.93	18.00	6	19.11	20.25
7	15.12	16.22	7	17.36	18.53	7	19.75	21.00	7	22.29	23.62
8	17.29	18.53	8	19.83	21.18	8	22.57	24.00	8	25.48	27.00
9	19.44	20.85	9	22.31	23.83	9	25.39	27.00	9	28.66	30.37
10	21.60	23.17	10	24.79	26.47	10	28.21	30.00	10	31.85	33.75
20	43.20	46.34	20	49.59	52.95	20	56.42	60.00	20	63.69	67.49
30	64.79	69.50	30	74.38	79.42	30	84.63	90.00	30	95.54	101.24
40	86.39	92.67	40	99.17	105.90	40	112.84	120.00	40	127.38	134.99
50	107.99	115.84	50	123.97	132.37	50	141.05	150.00	50	159.23	168.73
60	129.59	139.01	60	148.76	158.84	60	169.26	180.00	60	191.07	202.48
70	151.18	162.18	70	173.55	185.32	70	197.47	210.00	70	222.92	236.23
80	172.78	185.34	80	198.35	211.79	80	225.67	240.00	80	254.77	269.97
90	194.38	208.51	90	223.14	238.26	90	253.88	270.00	90	286.61	303.72
100	215.98	231.63	100	247.93	264.74	100	282.09	300.00	100	318.46	337.47
200	431.96	463.36	200	495.87	529.48	200	564.19	600.00	200	636.91	674.93
300	647.93	695.04	300	743.80	794.21	300	846.28	900.00	300	955.37	1012.40
400	863.91	926.72	400	991.74	1058.95	400	1128.37	1200.00	400	1273.83	1349.86
500	1079.89	1158.40	500	1239.67	1323.69	500	1410.47	1500.00	500	1592.29	1687.33
600	1295.87	1390.08	600	1487.60	1588.43	600	1692.56	1800.00	600	1910.74	2024.79
700	1511.85	1621.76	700	1735.54	1853.17	700	1974.66	2100.00	700	2229.20	2362.26
800	1727.82	1853.44	800	1983.47	2117.91	800	2256.75	2400.00	800	2547.66	2699.72
900	1943.80	2085.12	900	2231.41	2382.64	900	2538.84	2700.00	900	2866.12	3037.19
1000	2159.78	2316.80	1000	2479.34	2647.38	1000	2820.94	3000.00	1000	3184.57	3374.66

Pcs.	36 ins.	37 ins.	Pcs.	38 ins.	39 ins.	Pcs.	40 ins.	41 ins.	Pcs.	42 ins.	43 ins.
1	3.57	3.77	1	3.98	4.19	1	4.41	4.63	1	4.86	5.09
2	7.14	7.54	2	7.96	8.38	2	8.82	9.26	2	9.72	10.19
3	10.71	11.31	3	11.93	12.57	3	13.22	13.89	3	14.58	15.28
4	14.28	15.09	4	15.91	16.76	4	17.63	18.52	4	19.44	20.37
5	17.85	18.86	5	19.89	20.95	5	22.04	23.15	5	24.30	25.47
6	21.42	22.63	6	23.87	25.14	6	26.45	27.79	6	29.16	30.56
7	24.99	26.40	7	27.85	29.33	7	30.35	32.42	7	34.02	35.66
8	28.56	30.17	8	31.82	33.52	8	35.26	37.05	8	38.88	40.75
9	32.13	33.94	9	35.80	37.71	9	39.67	41.68	9	43.74	45.84
10	35.70	37.71	10	39.78	41.90	10	44.08	46.31	10	48.60	50.94
20	71.40	75.43	20	79.56	83.80	20	88.15	92.62	20	97.19	101.87
30	107.11	113.14	30	119.34	125.70	30	132.23	139.93	30	145.79	152.81
40	142.81	150.85	40	159.12	167.60	40	176.31	185.23	40	194.38	203.75
50	178.51	188.57	50	198.90	209.50	50	220.39	231.54	50	242.98	254.68
60	214.21	226.28	60	238.68	251.40	60	264.46	277.85	60	291.57	305.62
70	249.92	263.99	70	278.46	293.31	70	308.54	324.16	70	340.17	356.56
80	285.62	301.71	80	318.24	335.21	80	352.62	370.47	80	388.76	407.49
90	321.32	339.42	90	358.02	377.11	90	396.69	416.78	90	437.36	458.43
100	357.02	377.13	100	397.80	419.01	100	440.77	463.09	100	485.95	509.37
200	714.05	754.27	200	795.59	838.02	200	881.54	926.17	200	971.90	1018.73
300	1071.07	1131.40	300	1193.39	1257.02	300	1322.31	1399.26	300	1457.85	1528.10
400	1428.10	1508.54	400	1591.18	1676.03	400	1763.09	1852.34	400	1943.80	2037.47
500	1785.13	1885.67	500	1988.98	2095.04	500	2203.86	2315.43	500	2429.75	2546.83
600	2142.15	2262.81	600	2386.78	2514.05	600	2644.63	2778.51	600	2915.70	3056.20
700	2499.17	2639.94	700	2784.57	2933.06	700	3085.40	3241.60	700	3401.65	3565.56
800	2856.20	3017.08	800	3182.37	3352.07	800	3526.17	3704.68	800	3887.60	4074.93
900	3213.22	3394.21	900	3580.18	3771.07	900	3966.94	4167.77	900	4373.55	4584.30
1000	3570.25	3771.35	1000	3977.96	4190.08	1000	4407.71	4630.85	1000	4859.50	5093.66

STANDARD OF 12 FEET BY 22 INCHES.

15

Logs 17 Feet long.

Pos.	12 ins.	13 ins.	Pos.	14 ins.	15 ins.	Pos.	16 ins.	17 ins.	Pos.	18 ins.	19 ins.
1	.42	.49	1	.57	.66	1	.75	.85	1	.95	1.06
2	.84	.99	2	1.15	1.32	2	1.50	1.69	2	1.90	2.11
3	1.26	1.48	3	1.72	1.98	3	2.25	2.54	3	2.85	3.17
4	1.69	1.98	4	2.29	2.63	4	3.00	3.38	4	3.79	4.23
5	2.11	2.47	5	2.87	3.29	5	3.75	4.23	5	4.74	5.28
6	2.53	2.97	6	3.44	3.95	6	4.50	5.08	6	5.69	6.34
7	2.95	3.46	7	4.02	4.61	7	5.25	5.92	7	6.64	7.40
8	3.37	3.96	8	4.59	5.27	8	5.99	6.77	8	7.59	8.45
9	3.79	4.45	9	5.16	5.93	9	6.74	7.61	9	8.54	9.51
10	4.21	4.95	10	5.74	6.59	10	7.49	8.46	10	9.48	10.57
20	8.43	9.89	20	11.47	13.17	20	14.99	16.92	20	18.97	21.13
30	12.64	14.84	30	17.21	19.76	30	22.48	25.38	30	28.45	31.70
40	16.86	19.79	40	22.95	26.34	40	29.97	33.84	40	37.93	42.27
50	21.07	24.73	50	28.68	32.93	50	37.47	42.30	50	47.42	52.83
60	25.29	29.68	60	34.42	39.51	60	44.96	50.75	60	56.90	63.40
70	29.50	34.63	70	40.16	46.10	70	52.45	59.21	70	66.38	73.97
80	33.72	39.57	80	45.90	52.69	80	59.94	67.67	80	75.87	84.53
90	37.93	44.52	90	51.63	59.27	90	67.44	76.13	90	85.35	95.10
100	42.15	49.47	100	57.37	65.86	100	74.93	84.59	100	94.83	105.66
200	84.30	98.93	200	114.74	131.71	200	149.86	169.18	200	189.67	211.33
300	126.45	148.40	300	172.11	197.57	300	224.79	253.77	300	284.50	316.99
400	168.60	197.86	400	229.48	263.43	400	299.72	338.36	400	379.34	422.66
500	210.74	247.33	500	286.85	329.29	500	374.66	422.95	500	474.17	528.32
600	252.89	296.80	600	344.21	395.14	600	449.59	507.54	600	569.01	633.99
700	295.04	346.26	700	401.58	461.00	700	524.52	592.13	700	663.84	739.65
800	337.19	395.73	800	458.95	526.86	800	599.45	676.72	800	758.68	845.32
900	379.34	445.20	900	516.32	592.72	900	674.38	761.31	900	853.51	950.98
1000	421.49	494.66	1000	573.69	658.57	1000	749.31	845.90	1000	948.35	1056.65

Pos.	20 ins.	21 ins.	Pos.	22 ins.	23 ins.	Pos.	24 ins.	25 ins.	Pos.	26 ins.	27 ins.
1	1.17	1.29	1	1.42	1.55	1	1.69	1.83	1	1.98	2.13
2	2.34	2.58	2	2.83	3.10	2	3.37	3.66	2	3.96	4.27
3	3.51	3.87	3	4.25	4.65	3	5.06	5.49	3	5.94	6.40
4	4.68	5.16	4	5.67	6.19	4	6.74	7.32	4	7.91	8.54
5	5.85	6.45	5	7.08	7.74	5	8.43	9.15	5	9.89	10.67
6	7.02	7.74	6	8.50	9.29	6	10.12	10.98	6	11.87	12.80
7	8.20	9.04	7	9.92	10.84	7	11.80	12.81	7	13.85	14.94
8	9.37	10.33	8	11.33	12.39	8	13.49	14.63	8	15.83	17.07
9	10.54	11.62	9	12.75	13.94	9	15.17	16.46	9	17.81	19.20
10	11.71	12.91	10	14.17	15.48	10	16.86	18.29	10	19.79	21.34
20	23.42	25.82	20	28.33	30.97	20	33.72	36.59	20	39.57	42.68
30	35.12	38.72	30	42.50	46.45	30	50.58	54.88	30	59.38	64.01
40	46.83	51.63	40	56.67	61.94	40	67.44	73.17	40	79.15	85.35
50	58.54	64.54	50	70.83	77.42	50	84.30	91.47	50	98.93	106.69
60	70.25	77.45	60	85.00	92.90	60	101.14	109.76	60	118.72	128.03
70	81.96	90.36	70	99.17	108.39	70	118.02	128.06	70	138.51	149.36
80	93.66	103.26	80	113.33	123.87	80	134.88	146.35	80	158.29	170.70
90	105.37	116.17	90	127.50	139.35	90	151.74	164.64	90	178.08	192.04
100	117.08	129.08	100	141.67	154.84	100	168.60	182.94	100	197.87	213.38
200	234.16	258.16	200	283.33	309.68	200	337.19	365.87	200	395.73	426.76
300	351.24	387.24	300	425.00	464.51	300	505.79	548.81	300	593.60	640.13
400	468.32	516.32	400	566.67	619.35	400	674.38	731.75	400	791.46	853.51
500	585.40	645.40	500	708.33	774.19	500	842.98	914.69	500	989.38	1066.89
600	702.48	774.48	600	850.00	929.03	600	1011.57	1097.62	600	1187.19	1280.27
700	819.56	903.56	700	991.67	1083.87	700	1180.17	1280.56	700	1385.06	1493.65
800	936.64	1032.64	800	1133.33	1238.71	800	1348.76	1463.50	800	1582.92	1707.02
900	1053.72	1161.73	900	1275.00	1393.54	900	1517.36	1646.44	900	1780.79	1920.40
1000	1170.80	1290.81	1000	1416.67	1548.33	1000	1686.95	1829.37	1000	1978.65	2133.78

Logs 17 Feet long.

Pcs.	28 ins.	29 ins.	Pcs.	30 ins.	31 ins.	Pcs.	32 ins.	33 ins.	Pcs.	34 ins.	35 ins.
1	2.29	2.46	1	2.63	2.81	1	3.00	3.19	1	3.38	3.59
2	4.59	4.92	2	5.27	5.63	2	5.99	6.37	2	6.77	7.17
3	6.88	7.38	3	7.90	8.44	3	8.99	9.56	3	10.15	10.76
4	9.18	9.85	4	10.54	11.25	4	11.99	12.75	4	13.53	14.34
5	11.47	12.31	5	13.17	14.06	5	14.99	15.94	5	16.92	17.93
6	13.77	14.77	6	15.81	16.88	6	17.98	19.12	6	20.30	21.51
7	16.06	17.23	7	18.44	19.69	7	20.98	22.31	7	23.69	25.10
8	18.36	19.69	8	21.07	22.50	8	23.98	25.50	8	27.07	28.68
9	20.65	22.15	9	23.71	25.32	9	26.98	28.69	9	30.45	32.27
10	22.95	24.62	10	26.34	28.13	10	29.97	31.87	10	33.84	35.86
20	45.90	49.23	20	52.69	56.26	20	59.94	63.75	20	67.67	71.71
30	68.84	73.85	30	79.03	84.39	30	89.92	95.62	30	101.51	107.57
40	91.79	98.46	40	105.37	112.51	40	119.89	127.50	40	135.34	143.42
50	114.74	123.08	50	131.71	140.64	50	149.86	159.37	50	169.18	179.28
60	137.69	147.70	60	158.06	168.77	60	179.83	191.25	60	203.02	215.13
70	160.63	172.31	70	184.40	196.90	70	209.81	223.12	70	236.85	250.99
80	183.58	196.93	80	210.74	225.03	80	239.78	255.00	80	270.69	286.85
90	206.53	221.54	90	237.09	253.16	90	269.75	286.87	90	304.52	322.70
100	229.48	246.16	100	263.43	281.28	100	299.72	318.75	100	338.36	358.56
200	458.95	492.32	200	526.86	562.57	200	599.45	637.50	200	676.72	717.11
300	688.43	738.48	300	790.29	843.85	300	899.17	956.25	300	1015.08	1075.67
400	917.91	984.64	400	1053.72	1125.14	400	1198.90	1275.00	400	1353.44	1434.23
500	1147.38	1230.80	500	1317.15	1406.42	500	1498.62	1593.75	500	1691.80	1792.79
600	1376.86	1476.96	600	1580.58	1687.71	600	1798.35	1912.50	600	2030.17	2151.34
700	1606.34	1723.12	700	1844.01	1968.99	700	2098.07	2231.25	700	2368.53	2509.99
800	1835.81	1969.28	800	2107.44	2250.28	800	2397.80	2550.00	800	2706.89	2868.46
900	2065.29	2215.44	900	2370.87	2531.56	900	2697.52	2868.75	900	3045.25	3227.01
1000	2294.77	2461.60	1000	2634.30	2812.84	1000	2997.25	3187.50	1000	3383.61	3585.57

Pcs.	36 ins.	37 ins.	Pcs.	38 ins.	39 ins.	Pcs.	40 ins.	41 ins.	Pcs.	42 ins.	43 ins.
1	3.79	4.01	1	4.23	4.45	1	4.68	4.92	1	5.16	5.41
2	7.59	8.01	2	8.45	8.90	2	9.37	9.84	2	10.33	10.82
3	11.38	12.02	3	12.68	13.36	3	14.05	14.76	3	15.49	16.24
4	15.17	16.03	4	16.91	17.81	4	18.73	19.68	4	20.65	21.65
5	18.97	20.04	5	21.13	22.26	5	23.42	24.60	5	25.82	27.06
6	22.76	24.04	6	25.36	26.71	6	28.10	29.52	6	30.98	32.47
7	26.55	28.05	7	29.59	31.16	7	32.78	34.44	7	36.14	37.88
8	30.35	32.06	8	33.81	35.62	8	37.47	39.36	8	41.31	43.30
9	34.14	36.06	9	38.04	40.07	9	42.15	44.28	9	46.47	48.71
10	37.93	40.07	10	42.27	44.52	10	46.83	49.20	10	51.63	54.12
20	75.87	80.14	20	84.53	89.04	20	93.66	98.41	20	103.26	108.24
30	113.80	120.21	30	126.80	133.56	30	140.50	147.61	30	154.90	162.36
40	151.74	160.28	40	169.06	178.08	40	187.33	196.81	40	206.53	216.48
50	189.67	200.35	50	211.33	222.60	50	234.16	246.01	50	258.16	270.60
60	227.60	240.42	60	253.60	267.12	60	280.99	295.22	60	309.79	324.72
70	265.54	280.49	70	295.86	311.64	70	327.82	344.42	70	361.43	378.84
80	303.47	320.56	80	338.13	356.16	80	374.66	393.62	80	413.06	432.96
90	341.41	360.64	90	380.39	400.68	90	421.49	442.83	90	464.69	487.08
100	379.34	400.71	100	422.66	445.20	100	468.32	492.03	100	516.32	541.20
200	758.68	801.41	200	845.32	890.39	200	936.64	984.06	200	1032.64	1082.40
300	1138.02	1202.12	300	1267.98	1335.59	300	1404.96	1476.08	300	1548.97	1623.61
400	1517.36	1602.82	400	1690.63	1780.79	400	1873.28	1968.11	400	2065.29	2164.81
500	1896.69	2003.53	500	2113.29	2225.98	500	2341.60	2460.14	500	2581.61	2706.01
600	2276.03	2404.24	600	2535.95	2671.18	600	2809.92	2952.17	600	3097.93	3247.21
700	2655.37	2804.94	700	2958.61	3116.37	700	3278.24	3444.20	700	3614.26	3788.41
800	3034.71	3205.65	800	3381.27	3565.57	800	3746.56	3936.23	800	4130.58	4329.62
900	3414.05	3606.35	900	3803.93	4006.77	900	4214.88	4428.25	900	4646.90	4870.82
1000	3793.39	4007.06	1000	4226.58	4451.96	1000	4683.20	4920.28	1000	5163.22	5412.02

STANDARD OF 12 FEET BY 22 INCHES.

17

Logs 18 Feet long.

Ins.	35 ins.	Pcs.	12 ins.	13 ins.	Pcs.	14 ins.	15 ins.	Pcs.	16 ins.	17 ins.	Pcs.	18 ins.	19 ins.
38	3.59	1	.45	.52	1	.61	.70	1	.79	.90	1	1.00	1.12
77	7.17	2	.89	1.05	2	1.21	1.39	2	1.59	1.79	2	2.01	2.24
15	10.76	3	1.34	1.57	3	1.82	2.09	3	2.38	2.69	3	3.01	3.36
53	14.34	4	1.79	2.10	4	2.43	2.79	4	3.17	3.58	4	4.02	4.48
92	17.93	5	2.23	2.62	5	3.04	3.49	5	3.97	4.48	5	5.02	5.59
30	21.51	6	2.68	3.14	6	3.64	4.18	6	4.76	5.37	6	6.02	6.71
69	25.10	7	3.12	3.67	7	4.25	4.88	7	5.55	6.27	7	7.03	7.83
07	28.68	8	3.57	4.19	8	4.86	5.58	8	6.35	7.17	8	8.03	8.95
45	32.27	9	4.02	4.71	9	5.47	6.28	9	7.14	8.06	9	9.04	10.07
84	35.86	10	4.46	5.24	10	6.07	6.97	10	7.93	8.96	10	10.04	11.19
67	71.71	20	8.93	10.48	20	12.15	13.95	20	15.87	17.91	20	20.08	22.38
51	107.57	30	13.39	15.71	30	18.22	20.92	30	23.80	26.87	30	30.12	33.56
34	143.42	40	17.85	20.95	40	24.30	27.89	40	31.74	35.83	40	40.17	44.75
18	179.28	50	22.31	26.19	50	30.37	34.87	50	39.67	44.78	50	50.21	55.94
02	215.13	60	26.78	31.43	60	36.45	41.84	60	47.60	53.74	60	60.25	67.13
85	250.99	70	31.24	36.66	70	42.52	48.81	70	55.54	62.70	70	70.29	78.32
59	286.85	80	35.70	41.90	80	48.60	55.79	80	63.47	71.65	80	80.33	89.50
52	322.70	90	40.17	47.14	90	54.67	62.76	90	71.40	80.61	90	90.37	100.69
36	358.56	100	44.63	52.38	100	60.74	69.73	100	79.34	89.57	100	100.41	111.88
72	717.11	200	89.26	104.75	200	121.49	139.46	200	158.68	179.13	200	200.83	223.76
08	1075.67	300	133.88	157.13	300	182.23	209.19	300	238.02	268.70	300	301.24	335.64
44	1434.23	400	175.51	209.50	400	242.98	278.93	400	317.36	358.26	400	401.65	447.52
30	1792.79	500	223.14	261.88	500	303.72	348.66	500	396.69	447.83	500	502.07	559.40
7	2151.34	600	267.77	314.26	600	364.46	418.39	600	476.03	537.40	600	602.48	671.28
93	2509.90	700	312.40	366.63	700	425.21	488.12	700	555.37	626.96	700	702.89	783.16
59	2868.46	800	357.02	419.01	800	485.95	557.85	800	634.71	716.53	800	803.31	895.04
5	3227.01	900	401.65	471.38	900	546.69	627.58	900	714.05	806.09	900	903.72	1006.92
1	3585.57	1000	446.28	523.76	1000	607.44	697.31	1000	793.39	895.66	1000	1004.13	1118.80

Ins.	43 ins.	Pcs.	20 ins.	21 ins.	Pcs.	22 ins.	23 ins.	Pcs.	24 ins.	25 ins.	Pcs.	26 ins.	27 ins.
6	5.41	1	1.24	1.37	1	1.50	1.64	1	1.79	1.94	1	2.10	2.26
3	10.82	2	2.48	2.73	2	3.00	3.28	2	3.57	3.87	2	4.19	4.52
9	16.24	3	3.72	4.10	3	4.50	4.92	3	5.36	5.81	3	6.29	6.78
5	21.65	4	4.96	5.47	4	6.00	6.56	4	7.14	7.75	4	8.38	9.04
2	27.06	5	6.20	6.83	5	7.50	8.20	5	8.93	9.68	5	10.48	11.30
8	32.47	6	7.44	8.20	6	9.00	9.84	6	10.71	11.62	6	12.57	13.56
4	37.88	7	8.68	9.57	7	10.50	11.48	7	12.50	13.56	7	14.67	15.82
7	43.30	8	9.92	10.93	8	12.00	13.12	8	14.28	15.50	8	16.76	18.07
1	48.71	9	11.16	12.30	9	13.50	14.76	9	16.07	17.43	9	18.86	20.33
6	54.12	10	12.40	13.67	10	15.00	16.39	10	17.85	19.37	10	20.95	22.59
3	108.24	20	24.79	27.33	20	30.00	32.79	20	35.70	38.74	20	41.90	45.19
9	162.36	30	37.19	41.00	30	45.00	49.18	30	53.55	58.11	30	62.85	67.78
5	216.48	40	49.59	54.67	40	60.00	65.58	40	71.40	77.48	40	83.80	90.37
2	270.60	50	61.98	68.34	50	75.00	81.97	50	89.26	96.85	50	104.75	112.96
8	324.72	60	74.38	82.00	60	90.00	98.37	60	107.11	116.22	60	125.70	135.56
4	378.84	70	86.78	95.67	70	105.00	114.76	70	124.96	135.59	70	146.65	158.15
7	432.96	80	99.17	109.34	80	120.00	131.16	80	142.81	154.96	80	167.60	180.74
1	487.08	90	111.57	123.01	90	135.00	147.55	90	160.66	174.33	90	188.55	203.34
6	541.20	100	123.97	136.67	100	150.00	163.95	100	178.51	193.70	100	209.50	225.93
3	1082.40	200	247.93	273.35	200	300.00	327.89	200	357.02	387.40	200	419.01	451.86
9	1623.61	300	371.90	410.02	300	450.00	491.84	300	535.54	581.10	300	628.51	677.79
5	2164.81	400	495.87	546.69	400	600.00	655.79	400	714.05	774.79	400	838.02	903.72
2	2706.01	500	619.83	683.37	500	750.00	819.73	500	892.56	968.49	500	1047.52	1129.65
8	3247.21	600	743.80	820.04	600	900.00	983.68	600	1071.07	1162.19	600	1257.02	1355.58
4	3788.41	700	867.77	956.72	700	1050.00	1147.62	700	1249.59	1355.89	700	1466.53	1581.51
7	4329.62	800	991.74	1093.39	800	1200.00	1311.57	800	1428.10	1549.59	800	1676.03	1807.44
1	4870.82	900	1115.70	1230.06	900	1350.00	1475.52	900	1606.61	1743.29	900	1885.54	2033.37
6	5412.02	1000	1239.67	1366.74	1000	1500.00	1639.46	1000	1785.12	1936.98	1000	2095.04	2259.30

Logs 18 Feet long.

Pcs.	28 ins.	29 ins.	Pcs.	30 ins.	31 ins.	Pcs.	32 ins.	33 ins.	Pcs.	34 ins.	35 ins.
1	2.43	2.61	1	2.79	2.98	1	3.17	3.37	1	3.58	3.80
2	4.86	5.21	2	5.58	5.96	2	6.35	6.75	2	7.17	7.59
3	7.29	7.82	3	8.37	8.93	3	9.52	10.12	3	10.75	11.39
4	9.72	10.43	4	11.16	11.91	4	12.69	13.50	4	14.33	15.19
5	12.15	13.03	5	13.95	14.89	5	15.87	16.87	5	17.91	18.98
6	14.58	15.64	6	16.74	17.87	6	19.04	20.25	6	21.50	22.78
7	17.01	18.24	7	19.52	20.85	7	22.21	23.62	7	25.08	26.58
8	19.44	20.85	8	22.31	23.83	8	25.39	27.00	8	28.66	30.37
9	21.87	23.46	9	25.10	26.80	9	28.56	30.37	9	32.24	34.17
10	24.30	26.06	10	27.89	29.78	10	31.74	33.75	10	35.83	37.96
20	48.60	52.13	20	55.79	59.57	20	63.47	67.50	20	71.65	75.93
30	72.89	78.19	30	83.68	89.35	30	95.21	101.25	30	107.48	113.89
40	97.19	104.26	40	111.57	119.13	40	126.94	135.00	40	143.31	151.86
50	121.49	130.32	50	139.46	148.92	50	158.68	168.75	50	179.13	189.82
60	145.79	156.38	60	167.36	178.70	60	190.41	202.50	60	214.96	227.79
70	170.08	182.45	70	195.25	208.48	70	222.15	236.25	70	250.79	265.75
80	194.38	208.61	80	223.14	238.26	80	253.88	270.00	80	286.61	303.72
90	218.68	234.58	90	251.03	268.05	90	285.62	303.75	90	322.44	341.68
100	242.98	260.64	100	278.93	297.83	100	317.36	337.50	100	358.26	379.65
200	485.95	521.28	200	557.85	595.66	200	634.71	675.00	200	716.53	759.30
300	728.93	781.92	300	836.78	893.49	300	952.07	1012.50	300	1074.79	1138.95
400	971.90	1042.56	400	1115.70	1191.32	400	1269.42	1350.00	400	1433.06	1518.60
500	1214.88	1303.20	500	1394.63	1489.15	500	1586.78	1687.50	500	1791.32	1898.24
600	1457.85	1563.84	600	1673.55	1786.98	600	1904.13	2025.00	600	2149.59	2277.89
700	1700.83	1824.48	700	1952.48	2084.81	700	2221.49	2362.50	700	2507.85	2657.54
800	1943.80	2085.12	800	2231.40	2382.64	800	2538.84	2700.00	800	2866.12	3037.19
900	2186.78	2345.76	900	2510.33	2680.48	900	2856.20	3037.50	900	3224.38	3416.84
1000	2429.75	2606.41	1000	2789.26	2978.31	1000	3173.55	3375.00	1000	3582.64	3796.49

Pcs.	36 ins.	37 ins.	Pcs.	38 ins.	39 ins.	Pcs.	40 ins.	41 ins.	Pcs.	42 ins.	43 ins.
1	4.02	4.24	1	4.48	4.71	1	4.96	5.21	1	5.47	5.73
2	8.03	8.49	2	8.95	9.43	2	9.92	10.42	2	10.93	11.46
3	12.05	12.73	3	13.43	14.14	3	14.88	15.63	3	16.40	17.19
4	16.07	16.97	4	17.90	18.86	4	19.83	20.84	4	21.87	22.92
5	20.08	21.21	5	22.38	23.57	5	24.79	26.05	5	27.33	28.65
6	24.10	25.46	6	26.85	28.28	6	29.75	31.26	6	32.80	34.38
7	28.12	29.70	7	31.33	33.00	7	34.71	36.47	7	38.27	40.11
8	32.13	33.94	8	35.80	37.71	8	39.67	41.68	8	43.74	45.84
9	36.15	38.18	9	40.28	42.42	9	44.63	46.89	9	49.20	51.57
10	40.17	42.43	10	44.75	47.14	10	49.59	52.10	10	54.67	57.30
20	80.33	84.86	20	89.50	94.28	20	99.17	104.19	20	109.34	114.61
30	120.50	127.28	30	134.26	141.42	30	148.76	156.29	30	164.01	171.91
40	160.66	169.71	40	179.01	188.55	40	198.35	208.39	40	218.68	229.21
50	200.83	212.14	50	223.76	235.69	50	247.93	260.49	50	273.35	286.52
60	240.99	254.57	60	268.51	282.83	60	297.52	312.58	60	328.02	343.82
70	281.16	296.99	70	313.26	329.97	70	347.11	364.68	70	382.69	401.13
80	321.32	339.42	80	358.02	377.11	80	396.69	416.78	80	437.36	458.43
90	361.49	381.85	90	402.77	424.25	90	446.28	468.87	90	492.02	515.73
100	401.65	424.28	100	447.52	471.38	100	495.87	520.97	100	546.69	573.04
200	803.31	848.55	200	895.04	942.77	200	991.74	1041.94	200	1093.39	1146.07
300	1204.96	1272.83	300	1342.56	1414.15	300	1487.60	1562.91	300	1640.08	1719.11
400	1606.61	1697.11	400	1790.08	1885.54	400	1983.47	2083.88	400	2186.78	2292.15
500	2008.26	2121.38	500	2237.60	2356.92	500	2479.34	2604.86	500	2733.47	2865.19
600	2409.92	2545.66	600	2685.12	2828.31	600	2975.21	3125.83	600	3280.17	3438.22
700	2811.57	2969.94	700	3132.64	3299.69	700	3471.07	3646.80	700	3826.86	4011.26
800	3213.22	3394.22	800	3580.17	3771.07	800	3966.94	4167.77	800	4373.55	4584.30
900	3614.88	3818.49	900	4027.69	4242.46	900	4462.81	4688.74	900	4920.25	5157.34
1000	4016.53	4242.77	1000	4475.21	4713.84	1000	4958.68	5209.71	1000	5466.94	5730.37

STANDARD OF 12 FEET BY 22 INCHES.

19

Logs 19 Feet long.

Pos.	12 ins.	13 ins.	Pos.	14 ins.	15 ins.	Pos.	16 ins.	17 ins.	Pos.	18 ins.	19 ins.
1	.47	.55	1	.64	.74	1	.84	.95	1	1.06	1.18
2	.94	1.11	2	1.28	1.47	2	1.67	1.89	2	2.12	2.36
3	1.41	1.66	3	1.92	2.21	3	2.51	2.84	3	3.18	3.54
4	1.88	2.21	4	2.56	2.94	4	3.35	3.78	4	4.24	4.72
5	2.36	2.76	5	3.21	3.68	5	4.19	4.73	5	5.30	5.90
6	2.83	3.32	6	3.85	4.42	6	5.02	5.67	6	6.36	7.09
7	3.30	3.87	7	4.49	5.15	7	5.86	6.62	7	7.42	8.27
8	3.77	4.42	8	5.13	5.89	8	6.70	7.56	8	8.48	9.45
9	4.24	4.98	9	5.77	6.62	9	7.54	8.51	9	9.54	10.63
10	4.71	5.53	10	6.41	7.36	10	8.37	9.45	10	10.60	11.81
20	9.42	11.06	20	12.82	14.72	20	16.75	18.91	20	21.20	23.62
30	14.13	16.59	30	19.24	22.08	30	25.12	28.36	30	31.80	35.43
40	18.84	22.11	40	25.65	29.44	40	33.50	37.82	40	42.40	47.24
50	23.55	27.64	50	32.06	36.80	50	41.87	47.27	50	53.00	59.05
60	28.26	33.17	60	38.47	44.16	60	50.25	56.73	60	63.60	70.86
70	32.98	38.70	70	44.88	51.52	70	58.62	66.18	70	74.19	82.67
80	37.69	44.23	80	51.29	58.88	80	67.00	75.63	80	84.79	94.48
90	42.40	49.76	90	57.71	66.24	90	75.37	85.09	90	95.39	106.29
100	47.11	55.29	100	64.12	73.61	100	83.75	94.54	100	105.99	118.10
200	94.21	110.57	200	128.24	147.21	200	167.49	189.08	200	211.98	236.19
300	141.32	165.86	300	192.36	220.82	300	251.24	283.63	300	317.98	354.29
400	188.43	221.14	400	256.47	294.42	400	334.99	378.17	400	423.97	472.38
500	235.54	276.43	500	320.59	368.03	500	418.73	472.71	500	529.96	590.48
600	282.64	331.71	600	384.71	441.63	600	502.48	567.25	600	635.95	708.57
700	329.75	387.00	700	448.83	515.24	700	586.23	661.79	700	741.94	826.67
800	376.86	442.29	800	512.95	588.84	800	669.98	756.34	800	847.93	944.77
900	423.97	497.57	900	577.07	662.45	900	753.72	850.88	900	953.93	1062.86
1000	471.07	552.86	1000	641.18	736.05	1000	837.47	945.42	1000	1059.92	1180.96

Pos.	20 ins.	21 ins.	Pos.	22 ins.	23 ins.	Pos.	24 ins.	25 ins.	Pos.	26 ins.	27 ins.
1	1.31	1.44	1	1.58	1.73	1	1.88	2.04	1	2.21	2.38
2	2.62	2.89	2	3.17	3.46	2	3.77	4.09	2	4.42	4.77
3	3.93	4.33	3	4.75	5.19	3	5.65	6.13	3	6.63	7.15
4	5.23	5.77	4	6.33	6.92	4	7.54	8.18	4	8.85	9.54
5	6.54	7.21	5	7.92	8.65	5	9.42	10.22	5	11.06	11.92
6	7.85	8.66	6	9.50	10.38	6	11.31	12.27	6	13.27	14.31
7	9.16	10.10	7	11.08	12.11	7	13.19	14.31	7	15.48	16.69
8	10.47	11.54	8	12.67	13.84	8	15.07	16.36	8	17.69	19.08
9	11.78	12.98	9	14.25	15.57	9	16.96	18.40	9	19.90	21.46
10	13.09	14.43	10	15.83	17.31	10	18.84	20.45	10	22.11	23.85
20	26.17	28.85	20	31.67	34.61	20	37.69	40.89	20	44.23	47.70
30	39.26	43.28	30	47.50	51.92	30	56.53	61.34	30	66.34	71.54
40	52.34	57.71	40	63.33	69.22	40	75.37	81.78	40	88.46	95.39
50	65.43	72.13	50	79.17	86.53	50	94.21	102.23	50	110.57	119.24
60	78.51	86.56	60	95.00	103.83	60	113.06	122.68	60	132.69	143.09
70	91.60	100.99	70	110.83	121.14	70	131.90	143.12	70	154.80	166.94
80	104.68	115.41	80	126.67	138.44	80	150.74	163.57	80	176.91	190.79
90	117.77	129.84	90	142.50	155.75	90	169.59	184.01	90	199.03	214.63
100	130.85	144.27	100	158.33	173.05	100	188.43	204.46	100	221.14	238.48
200	261.71	288.53	200	316.67	346.11	200	376.86	408.92	200	442.29	476.96
300	392.56	432.80	300	475.00	519.16	300	565.29	613.38	300	663.43	715.44
400	523.42	577.07	400	633.33	692.22	400	753.72	817.84	400	884.57	953.93
500	654.27	721.33	500	791.67	865.27	500	942.15	1022.30	500	1105.72	1192.41
600	785.12	865.60	600	950.00	1038.33	600	1130.58	1226.76	600	1326.86	1430.89
700	915.98	1009.87	700	1108.33	1211.38	700	1319.01	1431.22	700	1548.00	1669.37
800	1046.83	1154.13	800	1266.67	1384.44	800	1507.44	1635.68	800	1769.15	1907.85
900	1177.69	1298.40	900	1425.00	1557.49	900	1695.87	1840.13	900	1990.29	2146.33
1000	1308.54	1442.67	1000	1583.33	1730.54	1000	1884.30	2044.59	1000	2211.43	2384.81

Logs 19 Feet long.

Pcs.	28 ins.	29 ins.	Pcs.	30 ins.	31 ins.	Pcs.	32 ins.	33 ins.	Pcs.	34 ins.	35 ins.
1	2.56	2.75	1	2.94	3.14	1	3.35	3.56	1	3.78	4.01
2	5.13	5.50	2	5.89	6.29	2	6.70	7.12	2	7.56	8.01
3	7.69	8.25	3	8.83	9.43	3	10.05	10.69	3	11.35	12.02
4	10.26	11.00	4	11.78	12.58	4	13.40	14.25	4	15.13	16.03
5	12.82	13.76	5	14.72	15.72	5	16.75	17.81	5	18.91	20.04
6	15.39	16.51	6	17.67	18.86	6	20.10	21.37	6	22.69	24.04
7	17.95	19.26	7	20.61	22.01	7	23.45	24.94	7	26.47	28.05
8	20.52	22.01	8	23.55	25.15	8	26.80	28.50	8	29.25	32.06
9	23.08	24.76	9	26.50	28.29	9	30.15	32.06	9	34.04	36.07
10	25.65	27.51	10	29.44	31.44	10	33.50	35.62	10	37.82	40.07
20	51.29	55.02	20	58.88	62.88	20	67.00	71.25	20	75.63	80.15
30	76.94	82.54	30	88.33	94.31	30	100.50	106.87	30	113.45	120.22
40	102.59	110.05	40	117.77	125.75	40	133.99	142.50	40	151.27	160.30
50	128.24	137.56	50	147.21	157.19	50	167.49	178.12	50	189.08	200.37
60	153.88	165.07	60	176.65	188.63	60	200.99	213.75	60	226.90	240.44
70	179.53	192.58	70	206.10	220.06	70	234.49	249.37	70	264.72	280.52
80	205.18	220.10	80	235.54	251.50	80	267.99	285.00	80	302.53	320.59
90	230.83	247.61	90	264.98	282.94	90	301.49	320.62	90	340.35	360.67
100	256.47	275.12	100	294.42	314.38	100	334.99	356.25	100	378.17	400.74
200	512.95	550.24	200	588.84	628.75	200	669.97	712.50	200	766.34	801.48
300	769.42	825.36	300	883.26	943.13	300	1004.96	1068.75	300	1134.50	1202.22
400	1025.90	1100.48	400	1177.69	1257.51	400	1339.94	1425.00	400	1512.67	1602.96
500	1282.37	1375.60	500	1472.11	1571.88	500	1674.93	1781.25	500	1890.84	2003.70
600	1538.84	1650.72	600	1766.53	1886.26	600	2009.92	2137.50	600	2269.01	2404.44
700	1795.32	1925.84	700	2060.95	2200.64	700	2344.90	2493.75	700	2647.18	2805.18
800	2051.79	2200.96	800	2355.37	2515.01	800	2679.89	2850.00	800	3025.34	3205.92
900	2308.26	2476.08	900	2649.79	2829.39	900	3014.88	3206.25	900	3403.51	3606.66
1000	2564.74	2751.20	1000	2944.21	3143.77	1000	3349.86	3562.50	1000	3781.08	4007.40

Pcs.	36 ins.	37 ins.	Pcs.	38 ins.	39 ins.	Pcs.	40 ins.	41 ins.	Pcs.	42 ins.	43 ins.
1	4.24	4.48	1	4.72	4.98	1	5.23	5.50	1	5.77	6.05
2	8.48	8.96	2	9.45	9.95	2	10.47	11.00	2	11.54	12.10
3	12.72	13.44	3	14.17	14.93	3	15.70	16.50	3	17.31	18.15
4	16.96	17.91	4	18.90	19.90	4	20.94	22.00	4	23.08	24.19
5	21.20	22.39	5	23.62	24.88	5	26.17	27.50	5	28.55	30.24
6	25.44	26.87	6	28.34	29.85	6	31.40	33.00	6	34.62	36.29
7	29.68	31.35	7	33.07	34.83	7	36.64	38.40	7	40.39	42.34
8	33.92	35.83	8	37.79	39.81	8	41.87	43.90	8	46.17	48.39
9	38.16	40.31	9	42.51	44.78	9	47.11	49.40	9	51.94	54.44
10	42.40	44.78	10	47.24	49.76	10	52.34	54.99	10	57.71	60.49
20	84.79	89.57	20	94.48	99.51	20	104.68	109.98	20	115.41	120.97
30	127.19	134.35	30	141.71	149.27	30	157.02	164.97	30	173.12	181.46
40	169.59	179.14	40	188.95	199.03	40	209.37	219.97	40	230.83	241.95
50	211.98	223.92	50	236.19	248.79	50	261.71	274.96	50	288.53	302.44
60	254.38	268.71	60	283.43	298.54	60	314.05	329.95	60	346.24	362.92
70	296.78	313.49	70	330.67	348.30	70	366.89	384.94	70	403.95	423.41
80	339.17	358.28	80	377.91	398.06	80	418.73	439.93	80	461.65	483.90
90	381.57	403.06	90	425.14	447.82	90	471.07	494.92	90	519.36	544.39
100	423.97	447.85	100	472.39	497.67	100	523.42	549.91	100	577.07	604.87
200	847.93	895.70	200	944.77	995.14	200	1046.83	1099.83	200	1154.13	1209.75
300	1271.90	1343.54	300	1417.15	1492.72	300	1670.25	1749.74	300	1781.20	1814.62
400	1695.87	1791.39	400	1889.53	1990.29	400	2093.66	2199.60	400	2308.26	2419.49
500	2119.83	2239.24	500	2361.91	2487.86	500	2617.08	2749.57	500	2885.33	3024.36
600	2543.80	2687.09	600	2834.30	2985.43	600	3140.50	3299.48	600	3462.39	3629.24
700	2967.77	3134.93	700	3306.68	3483.01	700	3663.91	3849.40	700	4039.46	4234.11
800	3391.74	3582.78	800	3779.06	3980.58	800	4187.33	4399.31	800	4616.53	4838.98
900	3815.70	4030.63	900	4251.45	4478.15	900	4710.74	4949.23	900	5193.59	5443.85
1000	4239.67	4478.48	1000	4733.83	4975.72	1000	5234.16	5499.14	1000	5770.66	6048.73

STANDARD OF 12 FEET BY 22 INCHES.

21

Logs 20 Feet long.

Pos.	12 ins.	13 ins.	Pos.	14 ins.	15 ins.	Pos.	16 ins.	17 ins.	Pos.	18 ins.	19 ins.
1	.50	.58	1	.67	.77	1	.88	1.00	1	1.12	1.24
2	.99	1.16	2	1.35	1.55	2	1.76	1.99	2	2.23	2.49
3	1.49	1.75	3	2.02	2.32	3	2.64	2.99	3	3.35	3.73
4	1.98	2.33	4	2.70	3.10	4	3.53	3.98	4	4.46	4.97
5	2.48	2.91	5	3.37	3.87	5	4.41	4.98	5	5.58	6.22
6	2.98	3.49	6	4.05	4.65	6	5.29	5.97	6	6.69	7.46
7	3.47	4.07	7	4.72	5.42	7	6.17	6.97	7	7.81	8.70
8	3.97	4.66	8	5.40	6.20	8	7.05	7.96	8	8.93	9.94
9	4.46	5.24	9	6.07	6.97	9	7.93	8.96	9	10.04	11.19
10	4.96	5.82	10	6.75	7.75	10	8.82	9.95	10	11.16	12.43
20	9.92	11.64	20	13.50	15.50	20	17.63	19.90	20	22.31	24.86
30	14.88	17.46	30	20.25	23.24	30	26.45	29.86	30	33.47	37.29
40	19.83	23.28	40	27.00	30.99	40	35.26	39.81	40	44.63	49.72
50	24.79	29.10	50	33.75	38.74	50	44.08	49.76	50	55.79	62.16
60	29.75	34.92	60	40.50	46.49	60	52.89	59.71	60	66.94	74.59
70	34.71	40.74	70	47.25	54.24	70	61.71	69.66	70	78.10	87.02
80	39.67	46.66	80	53.99	61.98	80	70.52	79.61	80	89.26	99.45
90	44.63	52.38	90	60.74	69.73	90	79.34	89.57	90	100.41	111.88
100	49.59	58.20	100	67.49	77.48	100	88.15	99.52	100	111.57	124.31
200	99.17	116.39	200	134.99	154.96	200	176.31	199.04	200	223.14	248.62
300	148.76	174.59	300	202.48	232.44	300	264.46	298.55	300	334.71	372.93
400	198.35	232.78	400	269.97	309.92	400	352.62	398.07	400	446.28	497.25
500	247.93	290.98	500	337.47	387.40	500	440.77	497.59	500	557.85	621.56
600	297.52	349.17	600	404.96	464.88	600	528.93	597.11	600	669.42	745.87
700	347.11	407.37	700	472.45	542.36	700	617.08	696.63	700	770.99	870.19
800	396.69	465.56	800	539.94	619.83	800	705.23	796.14	800	892.56	994.49
900	446.28	523.76	900	607.44	697.31	900	793.39	895.66	900	1004.13	1118.80
1000	495.87	581.96	1000	674.93	774.79	1000	881.54	995.18	1000	1115.70	1243.11

Pos.	20 ins.	21 ins.	Pos.	22 ins.	23 ins.	Pos.	24 ins.	25 ins.	Pos.	26 ins.	27 ins.
1	1.38	1.52	1	1.67	1.82	1	1.98	2.15	1	2.33	2.51
2	2.75	3.04	2	3.33	3.64	2	3.97	4.30	2	4.66	5.02
3	4.13	4.56	3	5.00	5.46	3	5.95	6.46	3	6.98	7.53
4	5.51	6.07	4	6.67	7.29	4	7.93	8.61	4	9.31	10.04
5	6.89	7.59	5	8.33	9.11	5	9.92	10.76	5	11.64	12.55
6	8.26	9.11	6	10.00	10.93	6	11.90	12.91	6	13.97	15.06
7	9.64	10.63	7	11.67	12.75	7	13.88	15.07	7	16.29	17.57
8	11.02	12.15	8	13.33	14.57	8	15.87	17.22	8	18.62	20.08
9	12.40	13.67	9	15.00	16.39	9	17.85	19.37	9	20.95	22.59
10	13.77	15.19	10	16.67	18.22	10	19.83	21.52	10	23.28	25.10
20	27.55	30.37	20	33.33	36.43	20	39.67	43.04	20	46.56	50.21
30	41.32	45.66	30	50.00	54.65	30	59.50	64.57	30	69.83	75.31
40	55.10	60.74	40	66.67	72.87	40	79.34	86.09	40	93.11	100.41
50	68.87	75.93	50	83.33	91.08	50	99.17	107.61	50	116.39	125.52
60	82.64	91.12	60	100.00	109.30	60	119.01	129.13	60	139.67	150.62
70	96.42	106.30	70	116.67	127.51	70	138.84	150.65	70	162.95	175.72
80	110.19	121.49	80	133.33	145.73	80	158.68	172.18	80	186.23	200.83
90	123.97	136.67	90	150.00	163.95	90	178.51	193.70	90	209.50	225.93
100	137.74	151.86	100	166.67	182.16	100	198.35	215.22	100	232.78	251.03
200	275.48	303.72	200	333.33	364.33	200	396.69	430.44	200	465.56	502.07
300	413.22	455.58	300	500.00	546.49	300	595.04	645.66	300	695.35	753.10
400	550.96	607.44	400	666.67	728.65	400	793.39	860.88	400	931.13	1004.13
500	688.71	759.30	500	833.33	910.81	500	991.74	1076.10	500	1163.91	1255.17
600	826.45	911.16	600	1000.00	1092.98	600	1190.08	1291.32	600	1396.69	1506.20
700	964.19	1063.02	700	1166.67	1275.14	700	1388.43	1506.54	700	1629.48	1757.23
800	1101.93	1214.88	800	1333.33	1457.30	800	1586.78	1721.76	800	1862.26	2008.26
900	1239.67	1366.74	900	1500.00	1630.46	900	1785.12	1936.98	900	2095.04	2259.30
1000	1377.41	1518.59	1000	1666.67	1821.63	1000	1983.47	2152.20	1000	2327.82	2510.39

Logs 20 Feet long.

Pcs.	28 ins.	29 ins.	Pcs.	30 ins.	31 ins.	Pcs.	32 ins.	33 ins.	Pcs.	34 ins.	35 ins.
1	2.70	2.90	1	3.10	3.31	1	3.53	3.75	1	3.98	4.21
2	5.40	5.79	2	6.20	6.62	2	7.05	7.50	2	7.96	8.44
3	8.10	8.69	3	9.30	9.93	3	10.58	11.25	3	11.94	12.65
4	10.80	11.58	4	12.40	13.24	4	14.10	15.00	4	15.92	16.87
5	13.50	14.48	5	15.50	16.55	5	17.63	18.75	5	19.90	21.09
6	16.20	17.38	6	18.60	19.86	6	21.16	22.50	6	23.88	25.31
7	18.90	20.27	7	21.69	23.16	7	24.68	26.25	7	27.87	29.53
8	21.60	23.17	8	24.79	26.47	8	28.21	30.00	8	31.85	33.75
9	24.30	26.06	9	27.89	29.78	9	31.74	33.75	9	35.83	37.96
10	27.00	28.96	10	30.99	33.09	10	35.26	37.50	10	39.81	42.18
20	53.99	57.92	20	61.98	66.18	20	70.52	75.00	20	79.61	84.37
30	80.99	86.88	30	92.98	99.28	30	105.79	112.50	30	119.42	126.55
40	107.99	115.84	40	123.97	132.37	40	141.05	150.00	40	159.23	168.73
50	134.99	144.80	50	154.96	165.46	50	176.31	187.50	50	199.04	210.92
60	161.98	173.76	60	185.95	198.55	60	211.57	225.00	60	238.84	253.10
70	188.98	202.72	70	216.94	231.65	70	246.83	262.50	70	278.65	295.28
80	215.98	231.68	80	247.93	264.74	80	282.09	300.00	80	318.46	337.47
90	242.98	260.64	90	278.93	297.83	90	317.36	337.50	90	358.26	379.65
100	269.97	289.60	100	309.92	330.92	100	352.62	375.00	100	398.07	421.83
200	539.94	579.20	200	619.83	661.85	200	705.23	750.00	200	796.14	843.66
300	809.92	868.80	300	929.75	992.77	300	1057.85	1125.00	300	1194.21	1265.50
400	1079.89	1158.40	400	1239.67	1323.69	400	1410.47	1500.00	400	1592.29	1687.33
500	1349.86	1448.00	500	1549.59	1654.61	500	1763.09	1875.00	500	1990.36	2109.16
600	1619.83	1737.60	600	1859.50	1985.54	600	2115.70	2250.00	600	2388.43	2530.99
700	1889.81	2027.20	700	2169.42	2316.46	700	2468.32	2625.00	700	2786.50	2952.82
800	2159.78	2316.80	800	2479.34	2647.38	800	2820.94	3000.00	800	3184.57	3374.66
900	2429.75	2606.40	900	2789.26	2978.31	900	3173.55	3375.00	900	3582.64	3796.49
1000	2699.72	2896.01	1000	3099.17	3309.23	1000	3526.17	3750.00	1000	3980.72	4218.82

Pcs.	36 ins.	37 ins.	Pcs.	38 ins.	39 ins.	Pcs.	40 ins.	41 ins.	Pcs.	42 ins.	43 ins.
1	4.46	4.71	1	4.97	5.24	1	5.51	5.79	1	6.07	6.37
2	8.93	9.43	2	9.94	10.48	2	11.02	11.58	2	12.15	12.73
3	13.39	14.14	3	14.92	15.71	3	16.53	17.37	3	18.22	19.10
4	17.85	18.86	4	19.89	20.95	4	22.04	23.15	4	24.30	25.47
5	22.31	23.57	5	24.86	26.19	5	27.55	28.94	5	30.37	31.84
6	26.78	28.29	6	29.83	31.43	6	33.06	34.73	6	36.45	38.20
7	31.24	33.00	7	34.81	36.66	7	38.57	40.52	7	42.52	44.57
8	35.70	37.71	8	39.78	41.90	8	44.08	46.31	8	48.60	50.94
9	40.17	42.43	9	44.75	47.14	9	49.59	52.10	9	54.67	57.30
10	44.63	47.14	10	49.72	52.38	10	55.10	57.89	10	60.74	63.67
20	89.26	94.28	20	99.45	104.75	20	110.19	115.77	20	121.49	127.34
30	133.88	141.43	30	149.17	157.13	30	165.29	173.66	30	182.23	191.01
40	178.51	188.57	40	198.90	209.50	40	220.39	231.54	40	242.98	254.68
50	223.14	236.71	50	248.62	261.88	50	275.48	289.43	50	303.72	318.35
60	267.77	282.85	60	298.35	314.26	60	330.58	347.31	60	364.46	382.02
70	312.40	329.99	70	348.07	366.63	70	385.67	405.20	70	425.21	445.70
80	357.02	377.13	80	397.80	419.01	80	440.77	463.09	80	485.95	509.37
90	401.65	424.28	90	447.53	471.38	90	495.87	520.97	90	546.69	573.04
100	446.28	471.42	100	497.25	523.76	100	550.96	578.88	100	607.44	636.71
200	892.56	942.84	200	994.49	1047.52	200	1101.93	1157.71	200	1214.88	1273.42
300	1338.84	1414.26	300	1491.74	1571.28	300	1652.89	1736.57	300	1822.31	1910.12
400	1785.12	1885.67	400	1988.98	2095.04	400	2203.86	2315.43	400	2429.75	2546.83
500	2231.40	2357.09	500	2486.23	2618.80	500	2754.82	2894.28	500	3037.19	3183.54
600	2677.69	2828.51	600	2983.47	3142.56	600	3305.79	3473.14	600	3644.63	3820.25
700	3123.97	3299.93	700	3480.72	3666.82	700	3856.75	4052.00	700	4252.07	4456.96
800	3570.25	3771.35	800	3977.96	4190.08	800	4407.71	4630.85	800	4859.50	5093.66
900	4016.53	4242.77	900	4475.21	4713.84	900	4958.68	5209.71	900	5466.94	5730.87
1000	4462.81	4714.19	1000	4972.45	5237.80	1000	5509.64	5788.57	1000	6074.38	6367.08

STANDARD OF 12 FEET BY 22 INCHES.

23

Logs 21 Feet long.

ins.	35 ins.	Pos.	12 ins.	13 ins.	Pos.	14 ins.	15 ins.	Pos.	16 ins.	17 ins.	Pos.	18 ins.	19 ins.
98	4.21	1	.52	.61	1	.71	.81	1	.93	1.04	1	1.17	1.31
96	8.44	2	1.04	1.22	2	1.42	1.63	2	1.85	2.09	2	2.34	2.61
94	12.65	3	1.56	1.83	3	2.13	2.44	3	2.78	3.13	3	3.51	3.92
92	16.87	4	2.08	2.44	4	2.83	3.25	4	3.70	4.18	4	4.69	5.22
90	21.09	5	2.60	3.06	5	3.54	4.07	5	4.63	5.22	5	5.86	6.53
88	25.31	6	3.12	3.67	6	4.25	4.88	6	5.55	6.27	6	7.03	7.83
87	29.53	7	3.64	4.28	7	4.96	5.69	7	6.48	7.31	7	8.20	9.14
85	33.75	8	4.17	4.89	8	5.67	6.51	8	7.40	8.36	8	9.37	10.44
83	37.96	9	4.69	5.50	9	6.38	7.32	9	8.33	9.40	9	10.54	11.75
81	42.18	10	5.21	6.11	10	7.09	8.14	10	9.26	10.45	10	11.71	13.05
61	84.37	20	10.41	12.22	20	14.17	16.27	20	18.51	20.90	20	23.43	26.11
42	126.55	30	15.62	18.33	30	21.26	24.41	30	27.77	31.35	30	35.14	39.16
23	168.73	40	20.83	24.44	40	28.35	32.54	40	37.02	41.80	40	46.86	52.21
04	210.92	50	26.03	30.55	50	35.43	40.68	50	46.28	52.25	50	58.57	65.26
84	253.10	60	31.24	36.66	60	42.52	48.81	60	55.54	62.70	60	70.29	78.32
65	295.28	70	36.45	42.77	70	49.61	56.95	70	64.79	73.15	70	82.00	91.37
46	337.47	80	41.65	48.88	80	56.69	65.08	80	74.05	83.60	80	93.72	104.42
26	379.65	90	46.86	54.99	90	63.78	73.22	90	83.31	94.04	90	105.43	117.47
07	421.83	100	52.07	61.11	100	70.87	81.35	100	92.56	104.49	100	117.15	130.53
14	843.66	200	104.13	122.21	200	141.74	162.71	200	185.12	208.99	200	234.30	261.05
21	1265.50	300	156.20	183.32	300	212.60	244.06	300	277.69	313.48	300	351.45	391.58
29	1687.33	400	208.26	244.42	400	283.47	325.41	400	370.25	417.98	400	468.60	522.11
36	2109.16	500	260.33	305.53	500	354.34	406.77	500	462.81	522.47	500	585.74	652.63
43	2530.99	600	312.40	366.63	600	425.21	488.12	600	555.37	626.96	600	702.89	783.16
50	2952.82	700	364.46	427.74	700	496.07	569.47	700	647.93	731.46	700	820.04	913.69
57	3374.66	800	416.53	488.84	800	566.94	650.83	800	740.50	835.95	800	937.19	1044.22
64	3796.49	900	468.59	549.95	900	637.81	732.18	900	833.06	940.44	900	1054.34	1174.74
72	4218.32	1000	520.66	611.05	1000	708.68	813.53	1000	925.62	1044.94	1000	1171.49	1305.27

ins.	43 ins.	Pos.	20 ins.	21 ins.	Pos.	22 ins.	23 ins.	Pos.	24 ins.	25 ins.	Pos.	26 ins.	27 ins.
7	6.37	1	1.45	1.59	1	1.75	1.91	1	2.08	2.26	1	2.44	2.64
5	12.73	2	2.89	3.19	2	3.50	3.83	2	4.17	4.52	2	4.89	5.27
2	19.10	3	4.34	4.78	3	5.25	5.74	3	6.25	6.79	3	7.33	7.91
0	25.47	4	5.79	6.38	4	7.00	7.65	4	8.33	9.04	4	9.78	10.54
7	31.84	5	7.23	7.97	5	8.75	9.56	5	10.41	11.30	5	12.22	13.18
5	38.20	6	8.68	9.57	6	10.50	11.48	6	12.50	13.56	6	14.67	15.82
2	44.57	7	10.12	11.16	7	12.25	13.39	7	14.58	15.82	7	17.11	18.45
0	50.94	8	11.57	12.76	8	14.00	15.30	8	16.66	18.08	8	19.55	21.09
7	57.30	9	13.02	14.35	9	15.75	17.21	9	18.74	20.34	9	22.00	23.72
4	63.67	10	14.46	15.95	10	17.50	19.13	10	20.83	22.60	10	24.44	26.36
1	127.34	20	28.93	31.89	20	35.00	38.25	20	41.65	45.20	20	48.88	52.72
0	191.01	30	43.39	47.84	30	52.50	57.38	30	62.48	67.79	30	73.33	79.08
0	254.68	40	57.85	63.78	40	70.00	76.51	40	83.31	90.39	40	97.77	105.43
7	318.35	50	72.21	79.73	50	87.50	95.64	50	104.13	112.99	50	122.21	131.79
4	382.02	60	86.78	95.67	60	105.00	114.76	60	124.96	135.59	60	146.65	158.15
1	445.70	70	101.24	111.62	70	122.50	133.89	70	145.79	158.19	70	171.10	184.51
0	509.37	80	115.70	127.66	80	140.00	153.02	80	166.61	180.79	80	195.54	210.87
7	573.04	90	130.17	143.51	90	157.50	172.14	90	187.44	203.38	90	219.98	237.23
4	636.71	100	144.63	159.45	100	175.00	191.27	100	208.26	225.98	100	244.42	263.59
1	1273.42	200	289.26	318.00	200	350.00	382.54	200	416.53	451.96	200	488.84	527.17
0	1910.12	300	433.88	478.36	300	525.00	573.81	300	624.79	677.94	300	733.26	790.75
0	2546.83	400	578.51	637.81	400	700.00	765.08	400	833.06	903.93	400	977.69	1054.34
7	3183.54	500	723.14	797.26	500	875.00	958.35	500	1041.32	1129.91	500	1222.11	1317.92
4	3820.25	600	867.77	956.71	600	1050.00	1147.62	600	1249.59	1355.89	600	1466.58	1581.51
1	4456.96	700	1012.40	1116.17	700	1225.00	1338.89	700	1457.85	1581.87	700	1710.95	1845.09
0	5093.66	800	1157.02	1275.62	800	1400.00	1530.17	800	1666.12	1807.85	800	1955.37	2108.68
7	5730.37	900	1301.65	1435.07	900	1575.00	1721.44	900	1874.38	2033.83	900	2199.79	2372.26
4	6367.08	1000	1446.38	1594.52	1000	1750.00	1912.71	1000	2082.64	2259.81	1000	2444.21	2635.85

STANDARD OF 12 FEET BY 22 INCHES.

Logs 21 Feet long.

Pcs.	28 ins.	29 ins.	Pcs.	30 ins.	31 ins.	Pcs.	32 ins.	33 ins.	Pcs.	34 ins.	35 ins.
1	2.83	3.04	1	3.25	3.47	1	3.70	3.94	1	4.18	4.43
2	5.67	6.08	2	6.51	6.95	2	7.40	7.87	2	8.36	8.86
3	8.50	9.12	3	9.76	10.42	3	11.11	11.81	3	12.54	13.29
4	11.34	12.16	4	13.02	13.90	4	14.81	15.75	4	16.72	17.72
5	14.17	15.20	5	16.27	17.37	5	18.51	19.69	5	20.90	22.15
6	17.01	18.24	6	19.52	20.85	6	22.21	23.62	6	25.08	26.58
7	19.84	21.29	7	22.78	24.32	7	25.92	27.56	7	29.26	31.00
8	22.68	24.33	8	26.03	27.80	8	29.62	31.50	8	33.44	35.43
9	25.51	27.37	9	29.29	31.27	9	33.32	35.44	9	37.62	39.86
10	28.35	30.41	10	32.54	34.75	10	37.02	39.37	10	41.80	44.29
20	56.69	60.82	20	65.08	69.49	20	74.05	78.75	20	83.60	88.58
30	85.04	91.22	30	97.62	104.24	30	111.07	118.12	30	125.89	132.88
40	113.39	121.63	40	130.17	138.99	40	148.10	157.50	40	167.19	177.17
50	141.74	152.04	50	162.71	173.73	50	185.12	196.87	50	208.99	221.46
60	170.08	182.45	60	195.25	208.48	60	222.15	236.25	60	250.79	265.75
70	198.43	212.86	70	227.79	243.23	70	259.17	275.62	70	292.58	310.05
80	226.78	243.26	80	260.33	277.98	80	296.20	315.00	80	334.38	354.34
90	255.12	273.67	90	292.87	312.72	90	333.22	354.37	90	376.18	398.63
100	283.47	304.08	100	325.41	347.47	100	370.25	393.75	100	417.98	442.92
200	566.94	608.16	200	650.83	694.94	200	740.50	787.50	200	835.95	885.85
300	850.41	912.24	300	976.24	1042.41	300	1110.74	1181.25	300	1253.93	1328.77
400	1133.88	1216.32	400	1301.65	1389.88	400	1480.99	1575.00	400	1671.90	1771.69
500	1417.36	1520.40	500	1627.07	1737.35	500	1851.24	1968.75	500	2089.88	2214.62
600	1700.83	1824.48	600	1952.48	2084.81	600	2221.49	2362.50	600	2507.85	2657.54
700	1984.30	2128.56	700	2277.89	2432.28	700	2591.74	2756.25	700	2925.83	3100.47
800	2267.77	2432.64	800	2603.31	2779.75	800	2961.98	3150.00	800	3343.80	3543.39
900	2551.24	2736.73	900	2928.72	3127.22	900	3332.23	3543.75	900	3761.78	3986.31
1000	2834.71	3040.81	1000	3254.13	3474.69	1000	3702.48	3937.50	1000	4179.75	4429.24

Pcs.	36 ins.	37 ins.	Pcs.	38 ins.	39 ins.	Pcs.	40 ins.	41 ins.	Pcs.	42 ins.	43 ins.
1	4.69	4.95	1	5.22	5.50	1	5.79	6.08	1	6.38	6.69
2	9.37	9.90	2	10.44	11.00	2	11.57	12.16	2	12.76	13.37
3	14.06	14.85	3	15.66	16.50	3	17.36	18.23	3	19.13	20.06
4	18.74	19.80	4	20.88	22.00	4	23.14	24.31	4	25.51	26.74
5	23.43	24.75	5	26.11	27.50	5	28.93	30.39	5	31.89	33.43
6	28.12	29.70	6	31.33	33.00	6	34.71	36.47	6	38.27	40.11
7	32.80	34.65	7	36.55	38.50	7	40.50	42.55	7	44.65	46.80
8	37.49	39.60	8	41.77	44.00	8	46.28	48.62	8	51.02	53.48
9	42.17	44.55	9	46.99	49.50	9	52.07	54.70	9	57.40	60.17
10	46.86	49.50	10	52.21	54.99	10	57.85	60.78	10	63.78	66.85
20	93.72	99.00	20	104.42	109.99	20	115.70	121.56	20	127.56	133.71
30	140.58	148.50	30	156.63	164.98	30	173.55	182.34	30	191.34	200.56
40	187.44	198.00	40	208.84	219.98	40	231.40	243.12	40	255.12	267.42
50	234.30	247.49	50	261.05	274.97	50	289.26	303.90	50	318.90	334.27
60	281.16	296.99	60	313.26	329.97	60	347.11	364.68	60	382.69	401.13
70	328.02	346.49	70	365.48	384.96	70	404.96	425.46	70	446.47	467.98
80	374.88	395.99	80	417.69	439.96	80	462.81	486.24	80	510.25	534.83
90	421.74	445.49	90	469.90	494.95	90	520.66	547.02	90	574.03	601.69
100	468.60	494.99	100	522.11	549.95	100	578.51	607.80	100	637.81	668.54
200	937.19	989.98	200	1044.21	1099.90	200	1157.02	1215.60	200	1275.62	1337.09
300	1405.79	1484.97	300	1566.32	1649.84	300	1735.54	1823.40	300	1913.43	2005.63
400	1874.38	1979.96	400	2088.43	2199.79	400	2314.05	2431.20	400	2551.24	2674.17
500	2342.98	2474.95	500	2610.54	2749.74	500	2892.56	3039.00	500	3189.05	3342.72
600	2811.57	2969.94	600	3132.64	3299.69	600	3471.07	3646.80	600	3826.86	4011.26
700	3280.17	3464.93	700	3654.75	3849.64	700	4049.59	4254.60	700	4464.67	4679.80
800	3748.76	3959.92	800	4176.86	4399.59	800	4628.10	4862.40	800	5102.48	5348.35
900	4217.36	4454.91	900	4698.97	4949.53	900	5206.61	5470.20	900	5740.29	6016.89
1000	4685.95	4949.90	1000	5221.07	5499.48	1000	5785.12	6078.00	1000	6378.10	6685.43

STANDARD OF 12 FEET BY 22 INCHES.

25

Logs 22 Feet long.

ins.	35 ins.	Pcs.	12 ins.	13 ins.	Pcs.	14 ins.	15 ins.	Pcs.	16 ins.	17 ins.	Pcs.	18 ins.	19 ins.
18	4.43	1	.55	.64	1	.74	.85	1	.97	1.09	1	1.23	1.37
36	8.86	2	1.00	1.28	2	1.48	1.70	2	1.94	2.19	2	2.45	2.73
54	13.29	3	1.64	1.92	3	2.23	2.56	3	2.91	3.28	3	3.68	4.10
72	17.72	4	2.18	2.56	4	2.97	3.41	4	3.88	4.38	4	4.91	5.47
90	22.15	5	2.73	3.20	5	3.71	4.26	5	4.85	5.47	5	6.14	6.84
108	26.58	6	3.27	3.84	6	4.45	5.11	6	5.82	6.57	6	7.36	8.20
126	31.00	7	3.82	4.48	7	5.20	5.97	7	6.79	7.66	7	8.59	9.57
144	35.43	8	4.36	5.12	8	5.94	6.82	8	7.76	8.76	8	9.82	10.94
162	39.86	9	4.91	5.76	9	6.68	7.67	9	8.73	9.85	9	11.05	12.31
180	44.29	10	5.45	6.40	10	7.42	8.52	10	9.70	10.95	10	12.27	13.67
198	48.72	20	10.91	12.80	20	14.85	17.05	20	19.39	21.89	20	24.55	27.35
216	53.15	30	16.36	19.20	30	22.27	25.57	30	29.09	32.84	30	36.82	41.02
234	57.58	40	21.82	25.01	40	29.70	34.09	40	38.79	43.79	40	49.09	54.70
252	62.01	50	27.27	32.01	50	37.12	42.61	50	48.48	54.73	50	61.36	68.37
270	66.44	60	32.73	38.41	60	44.55	51.14	60	58.18	65.68	60	73.64	82.05
288	70.87	70	38.18	44.81	70	51.97	59.66	70	67.88	76.63	70	85.91	95.72
306	75.30	80	43.64	51.21	80	59.39	68.18	80	77.58	87.58	80	98.18	109.39
324	79.73	90	49.09	57.61	90	66.82	76.70	90	87.27	98.52	90	110.45	123.07
342	84.16	100	54.55	64.02	100	74.24	85.23	100	96.97	109.47	100	122.73	136.74
360	88.59	200	109.09	128.03	200	148.49	170.45	200	193.94	218.94	200	245.45	273.48
378	93.02	300	163.64	192.05	300	222.73	255.68	300	290.91	328.41	300	368.18	410.23
396	97.45	400	218.18	256.06	400	296.97	340.91	400	387.88	437.88	400	490.91	546.97
414	101.88	500	272.73	320.08	500	371.21	426.14	500	484.85	547.35	500	613.64	683.71
432	106.31	600	327.27	384.09	600	445.45	511.36	600	581.82	656.82	600	736.36	820.45
450	110.74	700	381.82	448.11	700	519.70	596.59	700	678.79	766.29	700	859.09	957.20
468	115.17	800	436.36	512.12	800	593.94	681.82	800	775.76	875.76	800	981.82	1093.94
486	119.60	900	490.91	576.14	900	668.18	767.05	900	872.73	985.23	900	1104.55	1230.68
504	124.03	1000	545.45	640.15	1000	742.42	852.27	1000	969.70	1094.70	1000	1227.27	1367.42

ins.	43 ins.	Pcs.	20 ins.	21 ins.	Pcs.	22 ins.	23 ins.	Pcs.	24 ins.	25 ins.	Pcs.	26 ins.	27 ins.
18	6.69	1	1.52	1.67	1	1.83	2.00	1	2.18	2.37	1	2.56	2.76
36	13.37	2	3.03	3.34	2	3.67	4.01	2	4.36	4.73	2	5.12	5.52
54	20.06	3	4.55	5.01	3	5.50	6.01	3	6.55	7.10	3	7.68	8.28
72	26.74	4	6.06	6.68	4	7.33	8.02	4	8.73	9.47	4	10.24	11.05
90	33.43	5	7.58	8.35	5	9.17	10.02	5	10.91	11.84	5	12.80	13.81
108	40.11	6	9.09	10.02	6	11.00	12.02	6	13.09	14.20	6	15.36	16.57
126	46.80	7	10.61	11.69	7	12.83	14.03	7	15.27	16.57	7	17.92	19.33
144	53.48	8	12.12	13.36	8	14.67	16.03	8	17.45	18.94	8	20.48	22.09
162	60.17	9	13.64	15.03	9	16.50	18.03	9	19.64	21.31	9	23.05	24.85
180	66.85	10	15.15	16.70	10	18.33	20.04	10	21.82	23.67	10	25.61	27.61
198	73.54	20	30.30	33.41	20	36.67	40.08	20	43.64	47.35	20	51.21	55.23
216	80.22	30	45.45	50.11	30	55.00	60.11	30	65.45	71.02	30	76.82	82.84
234	86.91	40	60.61	66.82	40	73.33	80.11	40	87.27	94.70	40	102.42	110.45
252	93.60	50	75.76	83.52	50	91.67	100.19	50	109.09	118.37	50	128.03	138.07
270	100.28	60	90.91	100.23	60	110.00	120.23	60	130.91	142.05	60	153.64	165.68
288	106.97	70	106.06	116.93	70	128.33	140.27	70	152.73	165.72	70	179.24	193.30
306	113.66	80	121.21	133.04	80	146.67	160.30	80	174.55	189.39	80	204.85	220.91
324	120.34	90	136.36	150.34	90	165.00	180.34	90	196.36	213.07	90	230.45	248.52
342	127.03	100	151.52	167.05	100	183.33	200.38	100	218.18	236.74	100	256.06	276.14
360	133.71	200	303.03	334.09	200	366.67	400.76	200	436.36	473.48	200	512.12	552.27
378	140.40	300	454.55	501.14	300	550.00	601.14	300	654.55	710.23	300	768.18	828.41
396	147.09	400	606.06	668.18	400	733.33	801.52	400	872.73	946.97	400	1024.24	1104.55
414	153.78	500	757.58	835.23	500	916.67	1001.89	500	1090.91	1183.71	500	1280.30	1380.68
432	160.47	600	909.09	1002.27	600	1100.00	1202.27	600	1309.09	1420.45	600	1536.36	1656.82
450	167.16	700	1060.61	1169.32	700	1283.33	1402.65	700	1527.27	1657.20	700	1792.42	1932.95
468	173.85	800	1212.12	1336.36	800	1466.67	1603.03	800	1745.45	1893.94	800	2048.48	2209.09
486	180.54	900	1363.64	1503.41	900	1650.00	1803.41	900	1963.64	2130.68	900	2304.55	2485.23
504	187.23	1000	1515.15	1670.45	1000	1833.33	2003.79	1000	2181.82	2367.42	1000	2560.61	2761.36

STANDARD OF 12 FEET BY 22 INCHES.

Logs 22 Feet long.

Pcs.	28 ins.	29 ins.	Pcs.	30 ins.	31 ins.	Pcs.	32 ins.	33 ins.	Pcs.	34 ins.	35 ins.
1	2.97	3.19	1	3.41	3.64	1	3.88	4.12	1	4.38	4.64
2	5.94	6.37	2	6.82	7.28	2	7.76	8.25	2	8.76	9.28
3	8.91	9.56	3	10.23	10.92	3	11.64	12.37	3	13.14	13.92
4	11.88	12.74	4	13.64	14.56	4	15.52	16.50	4	17.52	18.56
5	14.85	15.93	5	17.05	18.20	5	19.39	20.62	5	21.89	23.20
6	17.82	19.11	6	20.45	21.84	6	23.27	24.75	6	26.27	27.84
7	20.79	22.30	7	23.86	25.48	7	27.15	28.87	7	30.65	32.48
8	23.76	25.48	8	27.27	29.12	8	31.03	33.00	8	35.03	37.12
9	26.73	28.67	9	30.68	32.76	9	34.91	37.12	9	39.41	41.76
10	29.70	31.86	10	34.09	36.40	10	38.79	41.25	10	43.79	46.40
20	59.39	63.71	20	68.18	72.80	20	77.58	82.50	20	87.58	92.80
30	89.09	95.57	30	102.27	109.20	30	116.36	123.75	30	131.36	139.20
40	118.79	127.42	40	136.36	145.61	40	155.15	165.00	40	175.15	185.61
50	148.48	159.28	50	170.45	182.01	50	193.94	206.25	50	218.94	232.01
60	178.18	191.14	60	204.55	218.41	60	232.73	247.50	60	262.73	278.41
70	207.88	222.99	70	238.64	254.81	70	271.52	288.75	70	306.52	324.81
80	237.58	254.85	80	272.73	291.21	80	310.30	330.00	80	350.30	371.21
90	267.27	286.70	90	306.82	327.61	90	349.09	371.25	90	394.09	417.61
100	296.97	318.56	100	340.91	364.02	100	387.88	412.50	100	437.88	464.02
200	593.94	637.12	200	681.82	728.03	200	775.76	825.00	200	875.76	928.03
300	890.91	955.68	300	1022.73	1092.05	300	1163.64	1237.50	300	1313.64	1392.05
400	1187.88	1274.24	400	1363.64	1456.06	400	1551.52	1650.00	400	1751.52	1856.06
500	1484.85	1592.80	500	1704.55	1820.08	500	1939.39	2062.50	500	2189.39	2320.08
600	1781.82	1911.36	600	2045.45	2184.09	600	2327.27	2475.00	600	2627.27	2784.09
700	2078.79	2229.92	700	2386.36	2548.11	700	2715.15	2887.50	700	3065.15	3248.11
800	2375.76	2548.48	800	2727.27	2912.12	800	3103.03	3300.00	800	3503.03	3712.12
900	2672.73	2867.05	900	3068.18	3276.14	900	3490.91	3712.50	900	3940.91	4176.14
1000	2969.70	3185.51	1000	3409.09	3640.15	1000	3878.79	4125.00	1000	4378.79	4640.15

Pcs.	36 ins.	37 ins.	Pcs.	38 ins.	39 ins.	Pcs.	40 ins.	41 ins.	Pcs.	42 ins.	43 ins.
1	4.91	5.19	1	5.47	5.76	1	6.06	6.37	1	6.68	7.00
2	9.82	10.37	2	10.94	11.52	2	12.12	12.73	2	13.36	14.01
3	14.73	15.56	3	16.41	17.28	3	18.18	19.10	3	20.05	21.01
4	19.64	20.74	4	21.88	23.05	4	24.24	25.47	4	26.73	28.02
5	24.55	25.93	5	27.35	28.81	5	30.30	31.84	5	33.41	35.02
6	29.45	31.11	6	32.82	34.57	6	36.36	38.20	6	40.09	42.02
7	34.36	36.30	7	38.29	40.33	7	42.42	44.57	7	46.77	49.03
8	39.27	41.48	8	43.76	46.09	8	48.48	50.94	8	53.45	56.03
9	44.18	46.67	9	49.23	51.85	9	54.55	57.31	9	60.14	63.03
10	49.09	51.86	10	54.70	57.61	10	60.61	63.67	10	66.82	70.04
20	98.18	103.71	20	109.39	115.23	20	121.21	127.35	20	133.64	140.08
30	147.27	155.57	30	164.09	172.84	30	181.82	191.02	30	200.45	210.11
40	196.36	207.42	40	218.79	230.45	40	242.42	254.70	40	267.27	280.15
50	245.45	259.28	50	273.48	288.07	50	303.03	318.37	50	334.09	350.19
60	294.55	311.14	60	328.18	345.68	60	363.64	382.05	60	400.91	420.23
70	343.64	362.99	70	382.88	403.30	70	424.24	445.72	70	467.73	490.27
80	392.73	414.85	80	437.58	460.91	80	484.85	509.39	80	534.55	560.30
90	441.92	466.70	90	492.27	518.52	90	545.45	573.07	90	601.36	630.34
100	490.91	518.56	100	546.97	576.14	100	606.06	636.74	100	668.18	700.38
200	981.82	1037.12	200	1093.94	1152.27	200	1212.12	1273.48	200	1336.36	1400.76
300	1472.73	1555.68	300	1640.91	1728.41	300	1818.18	1910.23	300	2004.55	2101.14
400	1963.64	2074.24	400	2187.88	2304.55	400	2424.24	2546.97	400	2672.73	2801.51
500	2454.55	2592.80	500	2734.85	2880.68	500	3030.30	3183.71	500	3340.91	3501.89
600	2945.45	3111.36	600	3281.82	3456.82	600	3636.36	3820.45	600	4009.09	4202.27
700	3436.36	3629.92	700	3828.79	4032.95	700	4242.42	4457.20	700	4677.27	4902.63
800	3927.27	4148.48	800	4375.76	4609.09	800	4848.48	5093.94	800	5345.45	5603.03
900	4418.18	4667.05	900	4922.73	5185.23	900	5454.55	5730.68	900	6013.64	6303.41
1000	4909.09	5185.61	1000	5469.70	5761.36	1000	6060.61	6367.43	1000	6681.82	7003.79

STANDARD OF 12 FEET BY 22 INCHES.

27

Logs 23 Feet long.

35 ins.		Pcs.	12 ins.	13 ins.	Pcs.	14 ins.	15 ins.	Pcs.	16 ins.	17 ins.	Pcs.	18 ins.	19 ins.
38	4.64	1	.57	.67	1	.78	.89	1	1.01	1.14	1	1.28	1.43
76	9.28	2	1.14	1.34	2	1.55	1.78	2	2.03	2.29	2	2.57	2.86
14	13.92	3	1.71	2.01	3	2.33	2.67	3	3.04	3.43	3	3.85	4.29
52	18.56	4	2.28	2.68	4	3.10	3.56	4	4.06	4.58	4	5.13	5.72
89	23.20	5	2.85	3.35	5	3.88	4.46	5	5.07	5.72	5	6.42	7.15
27	27.84	6	3.42	4.02	6	4.66	5.35	6	6.08	6.87	6	7.70	8.58
65	32.48	7	3.99	4.68	7	5.43	6.24	7	7.10	8.01	7	8.98	10.01
03	37.12	8	4.56	5.35	8	6.21	7.13	8	8.11	9.16	8	10.26	11.44
41	41.76	9	5.13	6.02	9	6.99	8.02	9	9.12	10.30	9	11.55	12.87
79	46.40	10	5.70	6.69	10	7.76	8.91	10	10.14	11.44	10	12.83	14.30
58	92.80	20	11.40	13.38	20	15.52	17.82	20	20.28	22.89	20	25.66	28.59
36	139.20	30	17.11	20.08	30	23.29	26.73	30	30.41	34.33	30	38.49	42.89
15	185.61	40	22.81	26.77	40	31.05	35.64	40	40.55	45.78	40	51.32	57.18
94	232.01	50	28.51	33.46	50	38.81	44.55	50	50.69	57.22	50	64.15	71.48
73	278.41	60	34.21	40.15	60	46.57	53.46	60	60.83	68.67	60	76.98	85.77
52	324.81	70	39.92	46.85	70	54.33	62.37	70	70.96	80.11	70	89.81	100.07
30	371.21	80	45.62	53.54	80	62.09	71.28	80	81.10	91.56	80	102.64	114.37
99	417.61	90	51.32	60.23	90	69.86	80.19	90	91.24	103.00	90	115.48	128.66
8	464.02	100	57.02	66.92	100	77.62	89.10	100	101.38	114.45	100	128.31	142.96
6	928.03	200	114.05	133.85	200	155.25	178.20	200	202.75	228.89	200	256.61	285.92
4	1392.05	300	171.07	200.77	300	232.85	267.30	300	304.13	343.34	300	384.92	428.88
2	1856.06	400	228.10	267.70	400	310.47	356.40	400	405.51	457.78	400	513.22	571.83
9	2320.08	500	285.12	334.62	500	388.09	445.51	500	506.89	572.23	500	641.53	714.79
7	2784.09	600	342.15	401.55	600	465.70	534.61	600	608.26	686.67	600	769.83	857.75
5	3248.11	700	399.17	468.47	700	543.32	623.71	700	709.64	801.12	700	898.14	1000.71
3	3712.12	800	456.20	535.40	800	620.94	712.81	800	811.02	915.56	800	1026.45	1143.66
1	4176.14	900	513.22	602.32	900	698.55	801.91	900	912.40	1030.01	900	1154.75	1286.62
9	4640.15	1000	570.25	669.25	1000	776.17	891.01	1000	1013.77	1144.46	1000	1283.06	1429.58

43 ins.		Pcs.	20 ins.	21 ins.	Pcs.	22 ins.	23 ins.	Pcs.	24 ins.	25 ins.	Pcs.	26 ins.	27 ins.
8	7.00	1	1.58	1.75	1	1.92	2.09	1	2.28	2.48	1	2.68	2.89
6	14.01	2	3.17	3.49	2	3.83	4.19	2	4.56	4.95	2	5.35	5.77
5	21.01	3	4.75	5.24	3	5.75	6.28	3	6.84	7.43	3	8.03	8.66
3	28.02	4	6.34	6.99	4	7.67	8.38	4	9.12	9.90	4	10.71	11.55
1	35.02	5	7.92	8.73	5	9.58	10.47	5	11.40	12.38	5	13.38	14.43
9	42.02	6	9.50	10.48	6	11.50	12.57	6	13.69	14.85	6	16.06	17.32
7	49.03	7	11.09	12.22	7	13.42	14.66	7	15.97	17.33	7	18.74	20.21
5	56.03	8	12.67	13.97	8	15.33	16.76	8	18.25	19.80	8	21.42	23.10
4	63.03	9	14.26	15.72	9	17.25	18.85	9	20.53	22.28	9	24.09	25.98
2	70.04	10	15.84	17.46	10	19.17	20.95	10	22.81	24.75	10	26.77	28.87
1	140.08	20	31.68	34.93	20	38.33	41.90	20	45.62	49.50	20	53.54	57.74
6	210.11	30	47.52	52.39	30	57.50	62.85	30	68.43	74.25	30	80.31	86.61
5	280.15	40	63.36	69.86	40	76.67	83.79	40	91.24	99.00	40	107.08	115.48
4	350.19	50	79.20	87.32	50	95.83	104.74	50	114.05	123.75	50	133.85	144.34
3	420.23	60	95.04	104.78	60	115.00	125.69	60	136.86	148.50	60	160.62	173.21
2	490.27	70	110.88	122.25	70	134.17	146.64	70	159.67	173.25	70	187.39	202.08
1	560.30	80	126.72	139.71	80	153.33	167.59	80	182.48	198.00	80	214.16	230.95
9	630.34	90	142.56	157.17	90	172.50	188.54	90	205.29	222.75	90	240.93	259.82
8	700.38	100	158.40	174.64	100	191.67	209.49	100	228.10	247.50	100	267.70	288.69
7	1400.76	200	316.80	349.28	200	383.33	418.97	200	456.20	495.01	200	535.40	577.38
6	2101.14	300	475.21	523.92	300	575.00	628.46	300	684.30	742.51	300	803.10	866.06
5	2801.51	400	633.61	698.55	400	766.67	837.95	400	912.40	990.01	400	1070.80	1154.75
4	3501.89	500	792.01	873.19	500	958.33	1047.43	500	1140.50	1237.52	500	1338.50	1443.44
3	4202.27	600	950.41	1047.83	600	1150.00	1256.92	600	1368.59	1485.02	600	1606.20	1732.13
2	4902.65	700	1108.82	1222.47	700	1341.67	1466.41	700	1596.69	1732.52	700	1873.90	2020.82
1	5603.03	800	1267.22	1397.11	800	1533.33	1675.90	800	1824.79	1980.03	800	2141.60	2309.50
9	6303.41	900	1425.62	1571.75	900	1725.00	1885.38	900	2052.89	2227.53	900	2409.30	2598.19
8	7003.79	1000	1584.02	1746.38	1000	1916.67	2094.87	1000	2280.99	2475.03	1000	2677.00	2886.88

Logs 23 Feet long.

Pcs.	28 ins.	29 ins.	Pcs.	30 ins.	31 ins.	Pcs.	32 ins.	33 ins.	Pcs.	34 ins.	35 ins.
1	3.10	3.33	1	3.56	3.81	1	4.06	4.31	1	4.58	4.85
2	6.21	6.66	2	7.13	7.61	2	8.11	8.62	2	9.16	9.70
3	9.31	9.99	3	10.69	11.42	3	12.17	12.94	3	13.73	14.55
4	12.42	13.32	4	14.26	15.22	4	16.22	17.25	4	18.31	19.40
5	15.52	16.65	5	17.82	19.03	5	20.28	21.56	5	22.89	24.26
6	18.63	19.98	6	21.38	22.83	6	24.33	25.87	6	27.47	29.11
7	21.73	23.31	7	24.95	26.64	7	28.39	30.19	7	32.04	33.96
8	24.84	26.64	8	28.51	30.44	8	32.44	34.50	8	36.62	38.81
9	27.94	29.97	9	32.08	34.25	9	36.50	38.81	9	41.20	43.66
10	31.05	33.30	10	35.64	38.06	10	40.55	43.12	10	45.78	48.51
20	62.09	66.61	20	71.28	76.11	20	81.10	86.25	20	91.56	97.02
30	93.14	99.91	30	106.92	114.17	30	121.65	129.37	30	137.33	145.53
40	124.19	133.22	40	142.56	152.22	40	162.20	172.50	40	183.11	194.04
50	155.23	166.52	50	178.20	190.28	50	202.75	215.62	50	228.89	242.55
60	186.28	199.82	60	213.84	228.34	60	243.31	258.75	60	274.67	291.06
70	217.33	233.13	70	249.48	266.39	70	283.86	301.87	70	320.45	339.57
80	248.37	266.43	80	285.12	304.45	80	324.41	345.00	80	366.23	388.09
90	279.42	299.74	90	320.76	342.51	90	364.96	388.12	90	412.00	436.60
100	310.47	333.04	100	356.40	380.56	100	405.51	431.25	100	457.78	485.11
200	620.94	666.08	200	712.81	761.12	200	811.02	862.50	200	915.56	970.21
300	931.40	999.12	300	1069.21	1141.68	300	1216.53	1293.75	300	1373.35	1455.32
400	1241.87	1332.16	400	1425.62	1522.25	400	1622.04	1725.00	400	1831.13	1940.43
500	1552.34	1665.20	500	1782.02	1902.81	500	2027.55	2156.25	500	2288.91	2425.53
600	1862.81	1998.24	600	2138.43	2283.37	600	2433.06	2587.50	600	2746.69	2910.64
700	2173.28	2331.28	700	2494.83	2663.93	700	2838.57	3018.75	700	3204.48	3395.75
800	2483.75	2664.32	800	2851.24	3044.49	800	3244.08	3450.00	800	3662.26	3880.85
900	2794.21	2997.37	900	3207.64	3425.05	900	3649.59	3881.25	900	4120.04	4365.96
1000	3104.68	3330.41	1000	3564.05	3805.61	1000	4055.10	4312.50	1000	4577.82	4851.07

Pcs.	36 ins.	37 ins.	Pcs.	38 ins.	39 ins.	Pcs.	40 ins.	41 ins.	Pcs.	42 ins.	43 ins.
1	5.13	5.42	1	5.72	6.02	1	6.34	6.66	1	6.99	7.32
2	10.26	10.84	2	11.44	12.05	2	12.67	13.31	2	13.97	14.64
3	15.40	16.26	3	17.15	18.07	3	19.01	19.97	3	20.96	21.97
4	20.53	21.69	4	22.87	24.09	4	25.34	26.63	4	27.94	29.29
5	25.66	27.11	5	28.59	30.12	5	31.68	33.28	5	34.93	36.61
6	30.79	32.53	6	34.31	36.14	6	38.02	39.94	6	41.91	43.93
7	35.93	37.95	7	40.03	42.16	7	44.35	46.60	7	48.90	51.25
8	41.06	43.37	8	45.75	48.19	8	50.69	53.25	8	55.88	58.58
9	46.19	48.79	9	51.46	54.21	9	57.02	59.91	9	62.87	65.90
10	51.32	54.21	10	57.18	60.23	10	63.36	66.57	10	69.86	73.22
20	102.64	108.43	20	114.37	120.46	20	126.72	133.14	20	139.71	146.44
30	153.97	162.64	30	171.55	180.70	30	190.08	199.71	30	209.57	219.66
40	205.29	216.85	40	228.73	240.93	40	253.44	266.27	40	279.42	292.89
50	256.61	271.07	50	285.92	301.16	50	316.80	332.84	50	349.28	366.11
60	307.93	325.28	60	343.10	361.39	60	380.17	399.41	60	419.13	439.33
70	359.26	379.49	70	400.29	421.63	70	443.53	465.98	70	488.99	512.55
80	410.58	433.71	80	457.47	481.86	80	506.89	532.55	80	558.84	585.77
90	461.90	487.92	90	514.65	542.09	90	570.25	599.12	90	628.70	658.99
100	513.22	542.13	100	571.83	602.32	100	633.61	665.69	100	698.55	732.21
200	1026.45	1084.26	200	1143.66	1204.65	200	1267.22	1331.37	200	1397.11	1464.43
300	1539.67	1626.39	300	1715.50	1806.97	300	1900.83	1997.06	300	2095.66	2196.64
400	2052.89	2168.53	400	2287.33	2409.30	400	2534.43	2662.74	400	2794.21	2928.86
500	2566.12	2710.66	500	2859.16	3011.62	500	3168.04	3328.43	500	3492.77	3661.07
600	3079.34	3252.79	600	3430.99	3613.95	600	3801.65	3994.11	600	4191.32	4393.29
700	3592.56	3794.92	700	4002.82	4216.27	700	4435.26	4659.80	700	4889.88	5125.50
800	4105.78	4337.05	800	4574.66	4818.59	800	5068.87	5325.48	800	5588.43	5857.71
900	4619.01	4879.18	900	5146.49	5420.92	900	5702.48	5991.17	900	6286.98	6589.93
1000	5132.23	5421.31	1000	5718.32	6023.24	1000	6336.09	6656.85	1000	6985.54	7322.14

STANDARD OF 12 FEET BY 22 INCHES.

29

Logs 24 Feet long.

ins.	35 ins.	Pcs.	12 ins.	13 ins.	Pcs.	14 ins.	15 ins.	Pcs.	16 ins.	17 ins.	Pcs.	18 ins.	19 ins.
1.58	4.85	1	.60	.70	1	.81	.93	1	1.06	1.19	1	1.34	1.49
2.16	9.70	2	1.19	1.40	2	1.62	1.86	2	2.12	2.39	2	2.68	2.98
3.73	14.55	3	1.79	2.10	3	2.43	2.79	3	3.17	3.58	3	4.02	4.48
5.31	19.40	4	2.38	2.79	4	3.24	3.72	4	4.23	4.78	4	5.36	7.7
6.89	24.26	5	2.98	3.49	5	4.05	4.65	5	5.29	5.97	5	6.69	7.46
8.47	29.11	6	3.57	4.19	6	4.86	5.58	6	6.35	7.17	6	8.03	8.95
10.04	33.96	7	4.17	4.89	7	5.67	6.51	7	7.40	8.36	7	9.37	10.44
11.62	38.81	8	4.76	5.59	8	6.48	7.44	8	8.46	9.55	8	10.71	11.93
13.20	43.66	9	5.36	6.29	9	7.29	8.37	9	9.52	10.75	9	12.05	13.43
14.78	48.51	10	5.95	6.98	10	8.10	9.30	10	10.58	11.94	10	13.39	14.92
16.36	53.36	20	11.90	13.97	20	16.20	18.60	20	21.16	23.88	20	26.78	29.83
17.94	58.21	30	17.85	20.95	30	24.30	27.89	30	31.74	35.83	30	40.17	44.75
19.52	63.06	40	23.80	27.93	40	32.40	37.19	40	42.31	47.77	40	53.55	59.67
21.10	67.91	50	29.75	34.92	50	40.50	46.49	50	52.89	59.71	50	66.94	74.59
22.68	72.76	60	35.70	41.90	60	48.60	55.79	60	63.47	71.65	60	80.33	89.50
24.26	77.61	70	41.65	48.88	70	56.69	65.08	70	74.05	83.60	70	93.72	104.42
25.84	82.46	80	47.60	55.87	80	64.79	74.38	80	84.63	95.54	80	107.11	119.34
27.42	87.31	90	53.55	62.85	90	72.89	83.68	90	95.21	107.48	90	120.50	134.26
29.00	92.16	100	59.50	69.83	100	80.99	92.98	100	105.79	119.42	100	133.88	149.17
30.58	97.01	200	119.01	139.67	200	161.98	185.95	200	211.57	238.84	200	267.77	298.35
32.16	101.86	300	178.51	209.50	300	242.98	278.93	300	317.36	358.26	300	401.65	447.52
33.74	106.71	400	238.02	279.34	400	323.97	371.90	400	423.14	477.69	400	535.54	596.69
35.32	111.56	500	297.52	349.17	500	404.96	464.88	500	528.93	597.11	500	669.42	745.87
36.90	116.41	600	357.02	419.01	600	485.95	557.85	600	634.71	716.53	600	803.31	895.04
38.48	121.26	700	416.53	488.84	700	566.94	650.83	700	740.50	835.95	700	937.19	1044.21
40.06	126.11	800	476.03	558.68	800	647.93	743.80	800	846.28	955.37	800	1071.07	1193.39
41.64	130.96	900	535.54	628.51	900	728.93	836.78	900	952.07	1074.79	900	1204.96	1342.56
43.22	135.81	1000	595.04	698.35	1000	809.92	929.75	1000	1057.85	1194.21	1000	1338.84	1491.73

ins.	43 ins.	Pcs.	20 ins.	21 ins.	Pcs.	22 ins.	23 ins.	Pcs.	24 ins.	25 ins.	Pcs.	26 ins.	27 ins.
1.59	7.32	1	1.65	1.82	1	2.00	2.19	1	2.38	2.58	1	2.79	3.01
2.17	14.64	2	3.31	3.64	2	4.00	4.37	2	4.76	5.17	2	5.59	6.02
3.75	21.97	3	4.96	5.47	3	6.00	6.56	3	7.14	7.75	3	8.38	9.03
5.33	29.29	4	6.61	7.29	4	8.00	8.74	4	9.52	10.33	4	11.17	12.05
6.91	36.61	5	8.26	9.11	5	10.00	10.93	5	11.90	12.91	5	13.97	15.06
8.49	43.93	6	9.92	10.93	6	12.00	13.12	6	14.28	15.50	6	16.76	18.07
10.07	51.25	7	11.57	12.76	7	14.00	15.30	7	16.66	18.08	7	19.55	21.09
11.65	58.58	8	13.22	14.58	8	16.00	17.49	8	19.04	20.66	8	22.35	24.10
13.23	65.90	9	14.88	16.40	9	18.00	19.67	9	21.42	23.24	9	25.14	27.11
14.81	73.22	10	16.53	18.22	10	20.00	21.86	10	23.80	25.83	10	27.93	30.12
16.39	80.54	20	33.06	36.45	20	40.00	43.72	20	47.60	51.65	20	55.87	60.25
17.97	87.86	30	49.59	54.67	30	60.00	65.58	30	71.40	77.48	30	83.80	90.37
19.55	95.18	40	66.12	72.89	40	80.00	87.44	40	95.21	103.31	40	111.74	120.50
21.13	102.50	50	82.64	91.12	50	100.00	109.30	50	119.01	129.13	50	139.67	150.62
22.71	109.82	60	99.17	109.34	60	120.00	131.16	60	142.81	154.96	60	167.60	180.74
24.29	117.14	70	115.70	127.56	70	140.00	153.02	70	166.61	180.79	70	195.54	210.87
25.87	124.46	80	132.23	145.79	80	160.00	174.88	80	190.41	206.61	80	223.47	240.99
27.45	131.78	90	148.76	164.01	90	180.00	196.74	90	214.21	232.44	90	251.40	271.12
29.03	139.10	100	165.29	182.23	100	200.00	218.60	100	238.02	258.26	100	279.34	301.24
30.61	146.43	200	330.58	364.46	200	400.00	437.19	200	476.03	516.53	200	558.68	602.48
32.19	153.75	300	495.87	546.69	300	600.00	655.79	300	714.05	774.79	300	838.02	903.72
33.77	161.07	400	661.16	728.93	400	800.00	874.38	400	952.07	1033.06	400	1117.86	1204.96
35.35	168.39	500	826.45	911.16	500	1000.00	1092.98	500	1190.08	1291.32	500	1396.69	1506.20
36.93	175.71	600	991.74	1093.39	600	1200.00	1311.57	600	1428.10	1549.59	600	1676.03	1807.44
38.51	183.03	700	1157.02	1275.62	700	1400.00	1530.17	700	1666.12	1807.85	700	1955.37	2108.68
40.09	190.35	800	1322.31	1457.85	800	1600.00	1748.76	800	1904.13	2066.12	800	2234.71	2409.92
41.67	197.67	900	1487.60	1640.08	900	1800.00	1967.36	900	2142.15	2324.38	900	2514.05	2711.16
43.25	204.99	1000	1652.89	1822.31	1000	2000.00	2185.95	1000	2380.17	2582.64	1000	2793.39	3012.40

Logs 24 Feet long.

Pcs.	28 ins.	29 ins.	Pcs.	30 ins.	31 ins.	Pcs.	32 ins.	33 ins.	Pcs.	34 ins.	35 ins.
1	3.24	3.48	1	3.72	3.97	1	4.23	4.50	1	4.78	5.06
2	6.48	6.95	2	7.44	7.94	2	8.46	9.00	2	9.55	10.12
3	9.72	10.43	3	11.16	11.91	3	12.69	13.50	3	14.33	15.19
4	12.96	13.90	4	14.88	15.88	4	16.93	18.00	4	19.11	20.25
5	16.20	17.38	5	18.60	19.86	5	21.16	22.50	5	23.88	25.31
6	19.44	20.85	6	22.31	23.83	6	25.39	27.00	6	28.66	30.37
7	22.68	24.33	7	26.03	27.80	7	29.62	31.50	7	33.44	35.43
8	25.92	27.80	8	29.75	31.77	8	33.85	36.00	8	38.21	40.50
9	29.16	31.28	9	33.47	35.74	9	38.08	40.50	9	42.99	45.56
10	32.40	34.75	10	37.19	39.71	10	42.31	45.00	10	47.77	50.62
20	64.79	69.50	20	74.38	79.42	20	84.63	90.00	20	95.54	101.24
30	97.19	104.26	30	111.57	119.13	30	126.94	135.00	30	143.31	151.86
40	129.59	139.01	40	148.76	158.84	40	169.26	180.00	40	191.07	202.48
50	161.98	173.76	50	185.95	198.55	50	211.57	225.00	50	238.84	253.10
60	194.38	208.51	60	223.14	238.26	60	253.88	270.00	60	286.61	303.72
70	226.78	243.26	70	260.33	277.98	70	296.20	315.00	70	334.38	354.34
80	259.17	278.02	80	297.52	317.69	80	338.51	360.00	80	382.15	404.96
90	291.57	312.77	90	334.71	357.40	90	380.83	405.00	90	429.92	455.58
100	323.98	347.52	100	371.90	397.11	100	423.14	450.00	100	477.69	506.20
200	647.93	695.04	200	743.80	794.21	200	846.28	900.00	200	955.37	1012.40
300	971.90	1042.56	300	1115.70	1191.32	300	1269.42	1350.00	300	1433.06	1518.59
400	1295.87	1390.08	400	1487.60	1588.43	400	1692.56	1800.00	400	1910.74	2024.79
500	1619.83	1737.60	500	1859.50	1985.54	500	2115.70	2250.00	500	2388.43	2530.99
600	1943.80	2085.12	600	2231.40	2382.64	600	2538.84	2700.00	600	2866.12	3037.19
700	2267.77	2432.64	700	2603.31	2779.75	700	2961.98	3150.00	700	3343.80	3543.39
800	2591.74	2780.16	800	2975.21	3176.86	800	3385.12	3600.00	800	3821.49	4049.59
900	2915.70	3127.69	900	3347.11	3573.97	900	3808.26	4050.00	900	4299.17	4555.78
1000	3239.67	3475.21	1000	3719.01	3971.07	1000	4231.40	4500.00	1000	4776.86	5061.98

Pcs.	36 ins.	37 ins.	Pcs.	38 ins.	39 ins.	Pcs.	40 ins.	41 ins.	Pcs.	42 ins.	43 ins.
1	5.36	5.66	1	5.97	6.29	1	6.61	6.95	1	7.27	7.64
2	10.71	11.31	2	11.93	12.57	2	13.22	13.89	2	14.56	15.28
3	16.07	16.97	3	17.90	18.86	3	19.83	20.84	3	21.87	22.92
4	21.42	22.63	4	23.87	25.14	4	26.45	27.79	4	29.16	30.56
5	26.78	28.29	5	29.83	31.43	5	33.06	34.73	5	36.46	38.20
6	32.13	33.94	6	35.80	37.71	6	39.67	41.68	6	43.74	45.84
7	37.49	39.60	7	41.77	44.00	7	46.28	48.62	7	51.02	53.48
8	42.84	45.26	8	47.74	50.28	8	52.89	55.57	8	58.31	61.12
9	48.20	50.91	9	53.70	56.57	9	59.50	62.52	9	65.60	68.76
10	53.55	56.57	10	59.67	62.85	10	66.12	69.46	10	72.89	76.40
20	107.11	113.14	20	119.34	125.70	20	132.23	138.93	20	145.79	152.81
30	160.66	169.71	30	179.01	188.55	30	198.35	208.39	30	218.68	229.21
40	214.21	226.28	40	238.68	251.40	40	264.46	277.85	40	291.57	305.62
50	267.77	282.85	50	298.35	314.26	50	330.58	347.31	50	364.46	382.02
60	321.32	339.42	60	358.02	377.11	60	396.69	416.78	60	437.36	458.43
70	374.88	395.99	70	417.69	439.96	70	462.81	486.24	70	510.25	534.83
80	428.43	452.56	80	477.36	502.81	80	528.93	555.70	80	583.14	611.24
90	481.98	509.13	90	537.02	565.66	90	595.04	625.17	90	656.03	687.64
100	535.54	565.70	100	596.69	628.51	100	661.16	694.63	100	728.93	764.05
200	1071.07	1131.40	200	1193.39	1257.02	200	1322.31	1389.26	200	1457.85	1528.10
300	1606.61	1697.11	300	1790.08	1885.54	300	1983.47	2083.88	300	2186.78	2292.15
400	2142.15	2262.81	400	2386.78	2514.05	400	2644.63	2778.51	400	2915.70	3056.20
500	2677.69	2828.51	500	2983.47	3142.56	500	3305.79	3473.14	500	3644.63	3820.25
600	3213.22	3394.21	600	3580.17	3771.07	600	3966.94	4167.77	600	4373.55	4584.30
700	3748.76	3959.92	700	4176.86	4399.59	700	4628.10	4862.40	700	5102.48	5348.35
800	4284.30	4525.62	800	4773.55	5028.10	800	5289.26	5557.02	800	5831.40	6112.40
900	4819.83	5091.32	900	5370.25	5656.61	900	5950.41	6251.65	900	6560.33	6876.45
1000	5355.37	5657.02	1000	5966.94	6285.12	1000	6611.57	6946.28	1000	7289.26	7640.50

ins.	35 ins.		Pcs.	12 ins.	13 ins.	Pcs.	14 ins.	15 ins.	Pcs.	12 ins.	13 ins.	Pcs.	14 ins.	15 ins.
.78	5.06		1	.33	.38	1	.44	.51	56	18.29	21.46	56	24.89	28.57
.55	10.12		2	.65	.77	2	.89	1.02	57	18.61	21.84	57	25.33	29.08
.33	15.19		3	.98	1.15	3	1.33	1.53	58	18.94	22.23	58	25.78	29.59
.11	20.25		4	1.31	1.53	4	1.78	2.04	59	19.27	22.61	59	26.22	30.10
.88	25.31		5	1.63	1.92	5	2.22	2.55	60	19.59	22.99	60	26.67	30.61
.66	30.37		6	1.96	2.30	6	2.67	3.06	61	19.92	23.38	61	27.11	31.12
.44	35.43		7	2.29	2.68	7	3.11	3.57	62	20.24	23.76	62	27.56	31.63
.21	40.50		8	2.61	3.07	8	3.56	4.08	63	20.57	24.14	63	28.00	32.14
.99	45.56		9	2.94	3.45	9	4.00	4.59	64	20.90	24.53	64	28.44	32.65
.77	50.62		10	3.27	3.83	10	4.44	5.10	65	21.22	24.91	65	28.89	33.16
.54	101.24		11	3.59	4.22	11	4.89	5.61	66	21.55	25.29	66	29.33	33.67
.31	151.86		12	3.92	4.60	12	5.33	6.12	67	21.88	25.68	67	29.78	34.18
.07	202.48		13	4.24	4.98	13	5.78	6.63	68	22.20	26.06	68	30.22	34.69
.84	253.10		14	4.57	5.37	14	6.22	7.14	69	22.53	26.44	69	30.67	35.20
.61	303.72		15	4.90	5.75	15	6.67	7.65	70	22.86	26.83	70	31.11	35.71
.38	354.34		16	5.22	6.13	16	7.11	8.16	71	23.18	27.21	71	31.56	36.22
.15	404.96		17	5.55	6.52	17	7.56	8.67	72	23.51	27.59	72	32.00	36.73
.92	455.58		18	5.88	6.90	18	8.00	9.18	73	23.84	27.98	73	32.44	37.24
.69	506.20		19	6.20	7.28	19	8.44	9.69	74	24.16	28.36	74	32.89	37.76
.37	1012.40		20	6.53	7.66	20	8.89	10.20	75	24.49	28.74	75	33.33	38.27
.66	1518.59		21	6.86	8.05	21	9.33	10.71	76	24.82	29.13	76	33.78	38.78
.44	2024.79		22	7.18	8.43	22	9.78	11.22	77	25.14	29.51	77	34.22	39.29
.23	2530.99		23	7.51	8.81	23	10.22	11.73	78	25.47	29.89	78	34.67	39.80
.02	3037.12		24	7.84	9.20	24	10.67	12.24	79	25.80	30.28	79	35.11	40.31
.80	3543.39		25	8.16	9.58	25	11.11	12.75	80	26.12	30.66	80	35.56	40.82
.59	4049.59		26	8.49	9.96	26	11.56	13.27	81	26.45	31.04	81	36.00	41.33
.37	4555.78		27	8.82	10.35	27	12.00	13.78	82	26.78	31.43	82	36.44	41.84
.16	5061.98		28	9.14	10.73	28	12.44	14.29	83	27.10	31.81	83	36.89	42.35
			29	9.47	11.11	29	12.89	14.80	84	27.43	32.19	84	37.33	42.86
			30	9.80	11.50	30	13.33	15.31	85	27.76	32.58	85	37.78	43.37
			31	10.12	11.88	31	13.78	15.82	8					

Logs 12 Feet long.

Pcs.	16 ins.	17 ins.	Pcs.	18 ins.	19 ins.	Pcs.	16 ins.	17 ins.	Pcs.	18 ins.	19 ins.
1	.58	.66	1	.73	.82	56	32.51	36.70	56	41.14	45.84
2	1.16	1.31	2	1.47	1.64	57	33.09	37.35	57	41.88	46.66
3	1.74	1.97	3	2.20	2.46	58	33.67	38.01	58	42.61	47.48
4	2.32	2.62	4	2.94	3.27	59	34.25	38.66	59	43.35	48.30
5	2.90	3.28	5	3.67	4.09	60	34.83	39.32	60	44.08	49.12
6	3.48	3.93	6	4.41	4.91	61	35.41	39.98	61	44.82	49.93
7	4.06	4.59	7	5.14	5.73	62	35.99	40.63	62	45.55	50.75
8	4.64	5.24	8	5.88	6.55	63	36.57	41.29	63	46.29	51.57
9	5.22	5.90	9	6.61	7.37	64	37.15	41.94	64	47.02	52.39
10	5.80	6.55	10	7.35	8.19	65	37.73	42.60	65	47.76	53.21
11	6.39	7.21	11	8.08	9.00	66	38.31	43.25	66	48.49	54.03
12	6.97	7.86	12	8.82	9.82	67	38.89	43.91	67	49.22	54.85
13	7.55	8.52	13	9.55	10.64	68	39.47	44.56	68	49.96	55.66
14	8.13	9.17	14	10.29	11.46	69	40.05	45.22	69	50.69	56.48
15	8.71	9.83	15	11.02	12.28	70	40.63	45.87	70	51.43	57.30
16	9.29	10.48	16	11.76	13.10	71	41.22	46.53	71	52.16	58.12
17	9.87	11.14	17	12.49	13.92	72	41.80	47.18	72	52.90	58.94
18	10.45	11.80	18	13.22	14.74	73	42.38	47.84	73	53.63	59.76
19	11.03	12.45	19	13.96	15.55	74	42.96	48.49	74	54.37	60.58
20	11.61	13.11	20	14.69	16.37	75	43.54	49.15	75	55.10	61.39
21	12.19	13.76	21	15.43	17.19	76	44.12	49.80	76	55.84	62.21
22	12.77	14.42	22	16.16	18.01	77	44.70	50.46	77	56.57	63.03
23	13.35	15.07	23	16.90	18.83	78	45.28	51.12	78	57.31	63.85
24	13.93	15.73	24	17.63	19.65	79	45.86	51.77	79	58.04	64.67
25	14.51	16.38	25	18.37	20.46	80	46.44	52.43	80	58.78	65.49
26	15.09	17.04	26	19.10	21.28	81	47.02	53.08	81	59.51	66.31
27	15.67	17.69	27	19.84	22.10	82	47.60	53.74	82	60.25	67.13
28	16.25	18.35	28	20.57	22.92	83	48.18	54.39	83	60.98	67.94
29	16.83	19.00	29	21.31	23.74	84	48.76	55.05	84	61.71	68.76
30	17.41	19.66	30	22.04	24.56	85	49.34	55.70	85	62.45	69.58
31	18.00	20.31	31	22.78	25.38	86	49.92	56.36	86	63.18	70.40
32	18.58	20.97	32	23.51	26.19	87	50.50	57.01	87	63.92	71.22
33	19.16	21.62	33	24.25	27.01	88	51.08	57.67	88	64.65	72.04
34	19.74	22.28	34	24.98	27.83	89	51.66	58.32	89	65.39	72.85
35	20.32	22.94	35	25.71	28.65	90	52.24	58.98	90	66.12	73.67
36	20.90	23.59	36	26.45	29.47	91	52.83	59.63	91	66.86	74.49
37	21.48	24.25	37	27.18	30.29	92	53.41	60.29	92	67.59	75.31
38	22.06	24.90	38	27.92	31.11	93	53.99	60.95	93	68.33	76.13
39	22.64	25.56	39	28.65	31.92	94	54.57	61.60	94	69.06	76.95
40	23.22	26.21	40	29.39	32.74	95	55.15	62.26	95	69.80	77.77
41	23.80	26.87	41	30.12	33.56	96	55.73	62.91	96	70.53	78.59
42	24.38	27.52	42	30.86	34.38	97	56.31	63.57	97	71.27	79.40
43	24.96	28.18	43	31.59	35.20	98	56.89	64.22	98	72.00	80.22
44	25.54	28.83	44	32.33	36.02	99	57.47	64.88	99	72.73	81.04
45	26.12	29.49	45	33.06	36.84	100	58.05	65.53	100	73.47	81.86
46	26.70	30.14	46	33.80	37.66	200	116.10	131.07	290	146.94	163.72
47	27.28	30.80	47	34.53	38.47	300	174.15	196.60	300	220.41	245.58
48	27.86	31.46	48	35.27	39.29	400	232.20	262.13	400	293.88	327.44
49	28.44	32.11	49	36.00	40.11	500	290.25	327.66	509	367.35	409.30
50	29.02	32.77	50	36.73	40.93	600	348.30	393.20	600	440.82	491.16
51	29.61	33.42	51	37.47	41.75	700	406.35	458.73	700	514.29	573.02
52	30.19	34.08	52	38.20	42.57	800	464.40	524.26	800	587.76	654.88
53	30.77	34.73	53	38.94	43.39	900	522.45	589.80	900	661.22	736.73
54	31.35	35.39	54	39.67	44.20	1000	580.50	655.33	1000	734.69	818.59
55	31.93	36.04	55	40.41	45.02	2000	1161.00	1310.66	2000	1469.39	1637.19

Logs 12 Feet long.

19 ins.	Pcs.	20 ins.	21 ins.	Pcs.	22 ins.	23 ins.	Pcs.	20 ins.	21 ins.	Pcs.	22 ins.	23 ins.
14 45.84	1	.91	1.00	1	1.10	1.20	56	50.80	56.00	56	61.46	67.17
38 46.66	2	1.81	2.00	2	2.20	2.40	57	51.71	57.00	57	62.56	68.37
51 47.48	3	2.72	3.00	3	3.29	3.60	58	52.61	58.00	58	63.66	69.57
35 48.30	4	3.63	4.00	4	4.39	4.80	59	53.51	59.00	59	64.75	70.77
38 49.12	5	4.54	5.00	5	5.49	6.00	60	54.42	60.00	60	65.85	71.97
32 49.93	6	5.44	6.00	6	6.59	7.20	61	55.33	61.00	61	66.95	73.17
29 50.75	7	6.35	7.00	7	7.68	8.40	62	56.24	62.00	62	68.05	74.37
25 51.57	8	7.26	8.00	8	8.78	9.60	63	57.14	63.00	63	69.14	75.57
22 52.39	9	8.16	9.00	9	9.88	10.80	64	58.05	64.00	64	70.24	76.77
16 53.21	10	9.07	10.00	10	10.98	12.00	65	58.96	65.00	65	71.34	77.97
9 54.03	11	9.98	11.00	11	12.07	13.20	66	59.86	66.00	66	72.44	79.17
2 54.85	12	10.88	12.00	12	13.17	14.39	67	60.77	67.00	67	73.53	80.37
6 55.66	13	11.79	13.00	13	14.27	15.59	68	61.68	68.00	68	74.63	81.57
9 56.48	14	12.70	14.00	14	15.37	16.79	69	62.59	69.00	69	75.73	82.77
3 57.30	15	13.61	15.00	15	16.46	17.99	70	63.49	70.00	70	76.83	83.97
6 58.12	16	14.51	16.00	16	17.56	19.19	71	64.40	71.00	71	77.92	85.17
0 58.94	17	15.42	17.00	17	18.66	20.39	72	65.31	72.00	72	79.02	86.37
4 59.76	18	16.33	18.00	18	19.76	21.59	73	66.21	73.00	73	80.12	87.57
7 60.58	19	17.23	19.00	19	20.85	22.79	74	67.12	74.00	74	81.22	88.77
0 61.39	20	18.14	20.00	20	21.95	23.99	75	68.03	75.00	75	82.31	89.97
4 62.21	21	19.05	21.00	21	23.05	25.19	76	68.93	76.00	76	83.41	91.17
7 63.03	22	19.96	22.00	22	24.15	26.39	77	69.84	77.00	77	84.51	92.37
1 63.85	23	20.86	23.00	23	25.24	27.59	78	70.75	78.00	78	85.61	93.56
4 64.67	24	21.77	24.00	24	26.34	28.79	79	71.66	79.00	79	86.71	94.76
8 65.49	25	22.68	25.00	25	27.44	29.99	80	72.56	80.00	80	87.80	95.96
5 66.31	26	23.58	26.00	26	28.54	31.19	81	73.47	81.00	81	88.90	97.16
6 67.13	27	24.49	27.00	27	29.63	32.39	82	74.38	82.00	82	90.00	98.36
3 67.94	28	25.40	28.00	28	30.73	33.59	83	75.28	83.00	83	91.09	99.56
6 68.76	29	26.30	29.00	29	31.83	34.79	84	76.19	84.00	84	92.19	100.76
4 69.58	30	27.21	30.00	30	32.93	35.99	85	77.10	85.00	85	93.29	101.96
0 70.40	31	28.12	31.00	31	34.02	37.19	86	78.00	86.00	86	94.39	103.16
7 71.22	32	29.02	32.00	32	35.12	38.39	87	78.91	87.00	87	95.48	104.36
4 72.04	33	29.93	33.00	33	36.22	39.59	88	79.82	88.00	88	96.58	105.56
6 72.85	34	30.84	34.00	34	37.32	40.78	89	80.73	89.00	89	97.68	106.76
3 73.67	35	31.75	35.00	35	38.41	41.98	90	81.63	90.00	90	98.78	107.96
0 74.49	36	32.65	36.00	36	39.51	43.18	91	82.54	91.00	91	99.87	109.16
4 75.31	37	33.56	37.00	37	40.61	44.38	92	83.45	92.00	92	100.97	110.36
6 76.13	38	34.47	38.00	38	41.71	45.58	93	84.35	93.00	93	102.07	111.56
3 76.95	39	35.37	39.00	39	42.80	46.78	94	85.26	94.00	94	103.17	112.76
0 77.77	40	36.28	40.00	40	43.90	47.98	95	86.17	95.00	95	104.26	113.96
7 78.59	41	37.19	41.00	41	45.00	49.18	96	87.07	96.00	96	105.36	115.16
4 79.40	42	38.10	42.00	42	46.10	50.38	97	87.98	97.00	97	106.46	116.36
6 80.22	43	39.00	43.00	43	47.19	51.58	98	88.89	98.00	98	107.56	117.56
3 81.04	44	39.91	44.00	44	48.29	52.78	99	89.80	99.00	99	108.65	118.76
0 81.86	45	40.82	45.00	45	49.39	53.98	100	90.70	100.00	100	109.75	119.95
4 163.72	46	41.72	46.00	46	50.49	55.18	200	181.41	200.00	200	219.50	239.91
6 245.58	47	42.63	47.00	47	51.58	56.38	300	272.11	300.00	300	329.25	359.87
3 327.44	48	43.54	48.00	48	52.68	57.58	400	362.81	400.00	400	439.00	479.82
0 409.30	49	44.44	49.00	49	53.78	58.78	500	453.51	500.00	500	548.75	599.77
4 491.16	50	45.35	50.00	50	54.88	59.98	600	544.22	600.00	600	658.50	719.73
6 573.02	51	46.26	51.00	51	55.97	61.18	700	634.92	700.00	700	768.25	839.68
3 654.88	52	47.17	52.00	52	57.07	62.38	800	725.63	800.00	800	878.00	959.64
0 736.73	53	48.07	53.00	53	58.17	63.58	900	816.33	900.00	900	987.76	1079.59
4 818.59	54	48.98	54.00	54	59.27	64.78	1000	907.03	1000.00	1000	1097.51	1199.55
6 637.19	55	49.89	55.00	55	60.36	65.98	2000	1814.06	2000.00	2000	2195.01	2399.09

Logs 12 Feet long.

Pcs.	24 ins.	25 ins.	Pcs.	26 ins.	27 ins.	Pcs.	24 ins.	25 ins.	Pcs.	26 ins.	27 ins.
1	1.31	1.42	1	1.53	1.65	56	73.14	79.97	56	85.84	92.57
2	2.61	2.83	2	3.07	3.31	57	74.45	80.78	57	87.37	94.22
3	3.92	4.25	3	4.60	4.96	58	75.76	82.20	58	88.91	95.88
4	5.22	5.67	4	6.13	6.61	59	77.06	83.02	59	90.44	97.53
5	6.53	7.09	5	7.66	8.27	60	78.37	85.03	60	91.97	99.18
6	7.84	8.50	6	9.20	9.92	61	79.67	86.45	61	93.51	100.84
7	9.14	9.92	7	10.73	11.57	62	80.98	87.87	62	95.04	102.49
8	10.45	11.34	8	12.26	13.22	63	82.29	89.29	63	96.57	104.14
9	11.76	12.76	9	13.80	14.88	64	83.59	90.70	64	98.10	105.80
10	13.06	14.17	10	15.33	16.53	65	84.90	92.12	65	99.64	107.45
11	14.37	15.59	11	16.86	18.18	66	86.20	93.54	66	101.17	109.10
12	15.67	17.01	12	18.39	19.84	67	87.51	94.95	67	102.70	110.76
13	16.98	18.42	13	19.93	21.49	68	88.82	96.37	68	104.24	112.41
14	18.29	19.84	14	21.46	23.14	69	90.12	97.79	69	105.77	114.06
15	19.59	21.26	15	22.99	24.80	70	91.43	99.21	70	107.30	115.71
16	20.90	22.68	16	24.53	26.45	71	92.73	100.62	71	108.83	117.37
17	22.20	24.09	17	26.06	28.10	72	94.04	102.04	72	110.37	119.02
18	23.51	25.51	18	27.59	29.76	73	95.35	103.46	73	111.90	120.67
19	24.82	26.93	19	29.12	31.41	74	96.65	104.88	74	113.43	122.33
20	26.12	28.34	20	30.66	33.06	75	97.96	106.29	75	114.97	123.98
21	27.43	29.76	21	32.19	34.71	76	99.27	107.71	76	116.50	125.63
22	28.73	31.18	22	33.72	36.37	77	100.57	109.13	77	118.03	127.29
23	30.04	32.60	23	35.26	38.02	78	101.88	110.54	78	119.56	128.94
24	31.35	34.01	24	36.79	39.67	79	103.18	111.96	79	121.10	130.59
25	32.65	35.43	25	38.32	41.33	80	104.49	113.38	80	122.63	132.24
26	33.96	36.85	26	39.85	42.98	81	105.80	114.80	81	124.16	133.90
27	35.27	38.27	27	41.39	44.63	82	107.10	116.21	82	125.70	135.55
28	36.57	39.68	28	42.92	46.29	83	108.41	117.63	83	127.23	137.20
29	37.88	41.10	29	44.45	47.94	84	109.71	119.05	84	128.76	138.86
30	39.18	42.52	30	45.99	49.59	85	111.02	120.46	85	130.29	140.51
31	40.49	43.93	31	47.52	51.24	86	112.33	121.88	86	131.83	142.16
32	41.80	45.35	32	49.05	52.90	87	113.63	123.30	87	133.36	143.82
33	43.10	46.77	33	50.59	54.55	88	114.94	124.72	88	134.89	145.47
34	44.41	48.19	34	52.12	56.20	89	116.24	126.13	89	136.43	147.12
35	45.71	49.60	35	53.65	57.86	90	117.55	127.55	90	137.96	148.78
36	47.02	51.02	36	55.18	59.51	91	118.86	128.97	91	139.49	150.43
37	48.33	52.44	37	56.72	61.16	92	120.16	130.39	92	141.02	152.08
38	49.63	53.85	38	58.25	62.82	93	121.47	131.80	93	142.56	153.73
39	50.94	55.27	39	59.78	64.47	94	122.78	133.22	94	144.09	155.39
40	52.24	56.69	40	61.32	66.12	95	124.08	134.64	95	145.62	157.04
41	53.55	58.11	41	62.85	67.78	96	125.39	136.05	96	147.16	158.69
42	54.86	59.52	42	64.38	69.43	97	126.69	137.47	97	148.69	160.35
43	56.16	60.94	43	65.91	71.08	98	128.00	138.89	98	150.22	162.00
44	57.47	62.36	44	67.45	72.73	99	129.31	140.31	99	151.76	163.65
45	58.78	63.78	45	68.98	74.39	100	130.61	141.72	100	153.29	165.31
46	60.08	65.19	46	70.51	76.04	200	261.22	283.45	200	300.58	330.61
47	61.39	66.61	47	72.05	77.69	300	391.84	425.17	300	459.86	495.92
48	62.69	68.03	48	73.58	79.35	400	522.45	568.80	400	613.15	661.22
49	64.00	69.44	49	75.11	81.00	500	653.06	708.82	500	766.44	826.53
50	65.31	70.86	50	76.64	82.65	600	783.67	850.34	600	919.73	991.84
51	66.61	72.28	51	78.18	84.31	700	914.29	992.08	700	1073.02	1157.14
52	67.92	73.70	52	79.71	85.96	800	1044.90	1138.70	800	1226.30	1322.45
53	69.22	75.11	53	81.24	87.61	900	1175.51	1275.51	900	1379.59	1487.76
54	70.53	76.53	54	82.78	89.27	1000	1306.12	1417.23	1000	1532.88	1653.06
55	71.84	77.95	55	84.31	90.92	2000	2612.24	2834.47	2000	3065.76	3306.12

STANDARD OF 12 FEET BY 21 INCHES.

35

Logs 12 Feet long.

97 ins.	Pes.	28 ins.	29 ins.	Pes.	30 ins.	31 ins.	Pes.	32 ins.	33 ins.	Pes.	34 ins.	35 ins.
92.57	1	1.78	1.91	1	2.04	2.18	1	2.32	2.47	1	2.62	2.78
94.22	2	3.56	3.81	2	4.08	4.36	2	4.64	4.94	2	5.24	5.56
95.88	3	5.33	5.72	3	6.12	6.54	3	6.97	7.41	3	7.86	8.33
97.53	4	7.11	7.63	4	8.16	8.72	4	9.29	9.88	4	10.49	11.11
99.18	5	8.89	9.54	5	10.20	10.90	5	11.61	12.35	5	13.11	13.89
100.84	6	10.67	11.44	6	12.24	13.07	6	13.93	14.82	6	15.73	16.67
102.49	7	12.44	13.35	7	14.29	15.25	7	16.25	17.29	7	18.35	19.44
104.14	8	14.22	15.26	8	16.33	17.43	8	18.58	19.76	8	20.97	22.22
105.80	9	16.00	17.16	9	18.37	19.61	9	20.90	22.22	9	23.59	25.00
107.45	10	17.78	19.07	10	20.41	21.79	10	23.22	24.69	10	26.21	27.78
109.10	11	19.56	20.98	11	22.45	23.97	11	25.54	27.16	11	28.83	29.56
110.76	12	21.33	22.88	12	24.49	26.15	12	27.86	29.63	12	31.46	33.33
112.41	13	23.11	24.79	13	26.53	28.33	13	30.19	32.10	13	34.08	36.11
114.06	14	24.89	26.70	14	28.57	30.51	14	32.51	34.57	14	36.70	38.89
115.71	15	26.67	28.61	15	30.61	32.69	15	34.83	37.04	15	39.32	41.67
117.37	16	28.44	30.51	16	32.65	34.87	16	37.15	39.51	16	41.94	44.44
119.02	17	30.22	32.42	17	34.69	37.05	17	39.47	41.98	17	44.56	47.22
120.67	18	32.00	34.33	18	36.73	39.22	18	41.80	44.45	18	47.18	50.00
122.33	19	33.78	36.23	19	38.78	41.40	19	44.12	46.92	19	49.80	52.78
123.98	20	35.56	38.14	20	40.82	43.58	20	46.44	49.39	20	52.43	55.56
125.63	21	37.33	40.05	21	42.86	45.76	21	48.76	51.86	21	55.05	58.33
127.29	22	39.11	41.95	22	44.90	47.94	22	51.08	54.33	22	57.67	61.11
128.94	23	40.89	43.86	23	46.94	50.12	23	53.41	56.80	23	60.29	63.89
130.59	24	42.67	45.77	24	48.98	52.30	24	55.73	59.27	24	62.91	66.67
132.24	25	44.44	47.68	25	51.02	54.48	25	58.05	61.73	25	65.53	69.44
133.90	26	46.22	49.58	26	53.06	56.66	26	60.37	64.20	26	68.15	72.22
135.55	27	48.00	51.49	27	55.10	58.84	27	62.69	66.67	27	70.78	75.00
137.20	28	49.78	53.40	28	57.14	61.02	28	65.02	69.14	28	73.40	77.78
138.86	29	51.56	55.30	29	59.18	63.19	29	67.34	71.61	29	76.02	80.56
140.51	30	53.33	57.21	30	61.22	65.37	30	69.66	74.08	30	78.64	83.33
142.16	31	55.11	59.12	31	63.27	67.55	31	71.98	76.55	31	81.26	86.11
143.82	32	56.89	61.02	32	65.31	69.73	32	74.30	79.02	32	83.88	88.89
145.47	33	58.67	62.93	33	67.35	71.91	33	76.63	81.49	33	86.50	91.67
147.12	34	60.44	64.84	34	69.39	74.09	34	78.95	83.96	34	89.12	94.44
148.78	35	62.22	66.75	35	71.43	76.27	35	81.27	86.43	35	91.75	97.22
150.43	36	64.00	68.65	36	73.47	78.45	36	83.59	88.90	36	94.37	100.00
152.08	37	65.78	70.56	37	75.51	80.63	37	85.91	91.37	37	96.99	102.78
153.73	38	67.56	72.47	38	77.55	82.81	38	88.24	93.84	38	99.61	105.56
155.39	39	69.33	74.37	39	79.59	84.99	39	90.56	96.31	39	102.23	108.33
157.04	40	71.11	76.28	40	81.63	87.17	40	92.88	98.78	40	104.85	111.11
158.69	41	72.89	78.19	41	83.67	89.34	41	95.20	101.24	41	107.47	113.89
160.35	42	74.67	80.10	42	85.71	91.52	42	97.52	103.71	42	110.10	116.67
162.00	43	76.44	82.00	43	87.76	93.70	43	99.85	106.18	43	112.72	119.44
163.65	44	78.22	83.91	44	89.80	95.88	44	102.17	108.65	44	115.34	122.22
165.31	45	80.00	85.82	45	91.84	98.06	45	104.49	111.12	45	117.96	125.00
330.61	46	81.78	87.72	46	93.88	100.24	46	106.81	113.59	46	120.58	127.78
495.92	47	83.56	89.63	47	95.92	102.42	47	109.13	116.06	47	123.20	130.56
661.22	48	85.33	91.54	48	97.96	104.60	48	111.46	118.53	48	125.82	133.33
826.53	49	87.11	93.44	49	100.00	106.78	49	113.78	121.00	49	128.44	136.11
991.84	50	88.89	95.35	50	102.04	108.96	50	116.10	123.47	50	131.07	138.89
1157.14	100	177.78	190.70	100	204.08	217.91	100	232.20	246.94	100	262.13	277.78
1322.45	200	355.56	381.41	200	408.16	435.83	200	464.40	493.88	200	524.26	555.56
1487.76	300	531.33	572.11	300	612.24	653.74	300	696.60	740.82	300	786.39	833.33
1653.06	400	711.11	762.81	400	816.33	871.66	400	928.80	987.76	400	1048.53	1111.11
1806.12	500	888.89	953.61	500	1020.41	1089.57	500	1161.00	1234.69	500	1310.66	1388.89

Logs 12 Feet long.

Pcs.	36 ins.	37 ins.	Pcs.	38 ins.	39 ins.	Pcs.	40 ins.	41 ins.	Pcs.	42 ins.	43 ins.
1	2.94	3.10	1	3.27	3.45	1	3.63	3.81	1	4.00	4.19
2	5.88	6.21	2	6.55	6.90	2	7.26	7.62	2	8.00	8.39
3	8.82	9.31	3	9.82	10.35	3	10.88	11.44	3	12.00	12.58
4	11.76	12.42	4	13.10	13.80	4	14.51	15.25	4	16.00	16.77
5	14.69	15.52	5	16.37	17.24	5	18.14	19.06	5	20.00	20.96
6	17.63	18.63	6	19.65	20.69	6	21.77	22.87	6	24.00	25.16
7	20.57	21.73	7	22.92	24.14	7	25.40	26.68	7	28.00	29.35
8	23.51	24.83	8	26.19	27.59	8	29.02	30.49	8	32.00	33.54
9	26.45	27.94	9	29.47	31.04	9	32.65	34.31	9	36.00	37.73
10	29.39	31.04	10	32.74	34.49	10	36.28	38.12	10	40.00	41.93
11	32.33	34.15	11	36.02	37.94	11	39.91	41.93	11	44.00	46.12
12	35.27	37.25	12	39.29	41.39	12	43.54	45.74	12	48.00	50.31
13	38.20	40.36	13	42.57	44.84	13	47.17	49.55	13	52.00	54.51
14	41.14	43.46	14	45.84	48.29	14	50.79	53.37	14	56.00	58.70
15	44.08	46.56	15	49.13	51.73	15	54.42	57.18	15	60.00	62.89
16	47.02	49.67	16	52.39	55.18	16	58.05	60.99	16	64.00	67.08
17	49.96	52.77	17	55.66	58.63	17	61.68	64.80	17	68.00	71.28
18	52.90	55.88	18	58.94	62.08	18	65.31	68.61	18	72.00	75.47
19	55.84	58.98	19	62.21	65.53	19	68.93	72.42	19	76.00	79.66
20	58.78	62.09	20	65.49	68.98	20	72.56	76.24	20	80.00	83.85
21	61.71	65.19	21	68.76	72.43	21	76.19	80.05	21	84.00	88.05
22	64.65	68.29	22	72.04	75.88	22	79.82	83.86	22	88.00	92.24
23	67.59	71.40	23	75.31	79.33	23	83.45	87.67	23	92.00	96.43
24	70.53	74.50	24	78.58	82.78	24	87.07	91.48	24	96.00	100.63
25	73.47	77.61	25	81.86	86.22	25	90.70	95.29	25	100.00	104.82
26	76.41	80.71	26	85.13	89.67	26	94.33	99.11	26	104.00	109.01
27	79.35	83.82	27	88.41	93.12	27	97.96	102.92	27	108.00	113.20
28	82.29	86.92	28	91.68	96.57	28	101.59	106.73	28	112.00	117.40
29	85.22	90.02	29	94.96	100.02	29	105.22	110.54	29	116.00	121.59
30	88.16	93.13	30	98.23	103.47	30	108.84	114.35	30	120.00	125.78
31	91.10	96.23	31	101.51	106.92	31	112.47	118.17	31	124.00	129.98
32	94.04	99.34	32	104.78	110.37	32	116.10	121.98	32	128.00	134.17
33	96.98	102.44	33	108.05	113.82	33	119.73	125.79	33	132.00	138.36
34	99.92	105.55	34	111.33	117.27	34	123.36	129.60	34	136.00	142.55
35	102.86	108.65	35	114.60	120.71	35	126.98	133.41	35	140.00	146.75
36	105.80	111.76	36	117.88	124.16	36	130.61	137.22	36	144.00	150.94
37	108.73	114.86	37	121.15	127.61	37	134.24	141.04	37	148.00	155.13
38	111.67	117.96	38	124.43	131.06	38	137.87	144.85	38	152.00	159.32
39	114.61	121.07	39	127.70	134.51	39	141.50	148.66	39	156.00	163.52
40	117.55	124.17	40	130.97	137.96	40	145.12	152.47	40	160.00	167.71
41	120.49	127.28	41	134.25	141.41	41	148.75	156.28	41	164.00	171.90
42	123.43	130.38	42	137.52	144.86	42	152.38	160.10	42	168.00	176.09
43	126.37	133.49	43	140.80	148.31	43	156.01	163.91	43	172.00	180.29
44	129.31	136.59	44	144.07	151.76	44	159.64	167.72	44	176.00	184.48
45	132.25	139.69	45	147.35	155.20	45	163.27	171.53	45	180.00	188.67
46	135.19	142.80	46	150.62	158.65	46	166.89	175.34	46	184.00	192.87
47	138.13	145.90	47	153.90	162.10	47	170.52	179.15	47	188.00	197.06
48	141.07	149.01	48	157.17	165.55	48	174.15	182.97	48	192.00	201.25
49	144.00	152.11	49	160.44	169.00	49	177.78	186.78	49	196.00	205.44
50	146.94	155.22	50	163.72	172.45	50	181.41	190.59	50	200.00	209.64
100	293.88	310.43	100	327.44	344.90	100	362.81	381.18	100	400.00	419.27
200	587.76	620.86	200	654.87	689.80	200	725.62	762.36	200	800.00	838.55
300	881.63	931.29	300	982.31	1034.69	300	1088.44	1143.54	300	1200.00	1257.82
400	1175.51	1241.72	400	1309.75	1379.59	400	1451.25	1524.72	400	1600.00	1677.10
500	1469.39	1552.16	500	1637.19	1724.49	500	1814.06	1905.90	500	2000.00	2096.37

STANDARD OF 12 FEET BY 21 INCHES.

37

43 ins.

Logs 13 Feet long.

Pcs.	12 ins.	13 ins.	Pcs.	14 ins.	15 ins.	Pcs.	16 ins.	17 ins.	Pcs.	18 ins.	19 ins.
1	.35	.42	1	.48	.55	1	.63	.71	1	.80	.89
2	.71	.83	2	.96	1.11	2	1.26	1.42	2	1.59	1.77
3	1.06	1.25	3	1.44	1.66	3	1.89	2.13	3	2.39	2.66
4	1.41	1.66	4	1.93	2.21	4	2.52	2.84	4	3.18	3.55
5	1.77	2.08	5	2.41	2.76	5	3.14	3.55	5	3.98	4.43
6	2.12	2.49	6	2.89	3.32	6	3.77	4.26	6	4.78	5.32
7	2.48	2.91	7	3.37	3.87	7	4.40	4.97	7	5.57	6.21
8	2.83	3.32	8	3.85	4.42	8	5.03	5.68	8	6.37	7.09
9	3.18	3.74	9	4.33	4.97	9	5.66	6.39	9	7.16	7.98
10	3.54	4.15	10	4.81	5.53	10	6.29	7.10	10	7.96	8.87
20	7.07	8.30	20	9.63	11.05	20	12.58	14.20	20	15.92	17.74
30	10.61	12.45	30	14.44	16.58	30	18.87	21.30	30	23.88	26.60
40	14.15	16.61	40	19.26	22.11	40	25.16	28.40	40	31.84	35.47
50	17.69	20.76	50	24.07	27.64	50	31.44	35.50	50	39.80	44.34
60	21.22	24.91	60	28.89	33.16	60	37.73	42.60	60	47.76	53.21
70	24.76	29.06	70	33.70	38.69	70	44.02	49.70	70	55.71	62.08
80	28.30	33.21	80	38.52	44.22	80	50.31	56.80	80	63.67	70.94
90	31.84	37.36	90	43.33	49.74	90	56.60	63.89	90	71.63	79.81
100	35.37	41.52	100	48.15	55.27	100	62.89	70.99	100	79.59	88.68
200	70.75	83.03	200	96.30	110.54	200	125.77	141.99	200	159.18	177.36
300	106.12	124.55	300	144.44	165.82	300	188.66	212.98	300	238.78	266.04
400	141.50	166.06	400	192.59	221.09	400	251.55	283.98	400	318.37	354.72
500	176.87	207.58	500	240.74	276.36	500	314.44	354.97	500	397.96	443.40
600	212.24	249.09	600	288.89	331.63	600	377.32	425.96	600	477.55	532.09
700	247.62	290.61	700	337.04	386.90	700	440.21	496.96	700	557.14	620.77
800	282.99	332.12	800	385.18	442.18	800	503.10	567.95	800	636.73	709.45
900	318.37	373.64	900	433.33	497.45	900	565.98	638.95	900	716.33	798.13
1000	353.74	415.15	1000	481.48	552.72	1000	628.87	709.94	1000	795.92	886.81

Pcs.	20 ins.	21 ins.	Pcs.	22 ins.	23 ins.	Pcs.	24 ins.	25 ins.	Pcs.	26 ins.	27 ins.
1	.98	1.08	1	1.19	1.30	1	1.41	1.54	1	1.66	1.79
2	1.97	2.17	2	2.38	2.60	2	2.83	3.07	2	3.32	3.58
3	2.95	3.25	3	3.57	3.90	3	4.24	4.61	3	4.98	5.37
4	3.93	4.33	4	4.76	5.20	4	5.66	6.14	4	6.64	7.16
5	4.91	5.42	5	5.94	6.50	5	7.07	7.67	5	8.30	8.95
6	5.90	6.50	6	7.13	7.80	6	8.49	9.21	6	9.96	10.74
7	6.88	7.58	7	8.32	9.10	7	9.90	10.75	7	11.62	12.54
8	7.86	8.67	8	9.51	10.40	8	11.32	12.28	8	13.28	14.33
9	8.84	9.75	9	10.70	11.70	9	12.73	13.82	9	14.95	16.12
10	9.83	10.83	10	11.89	13.00	10	14.15	15.35	10	16.61	17.91
20	19.65	21.67	20	23.78	25.99	20	28.30	30.71	20	33.21	35.82
30	29.48	32.50	30	35.67	38.99	30	42.45	46.06	30	49.82	53.72
40	39.30	43.33	40	47.56	51.98	40	56.60	61.41	40	66.42	71.63
50	49.13	54.17	50	59.45	64.98	50	70.75	76.77	50	83.03	89.54
60	58.96	65.00	60	71.34	77.97	60	84.90	92.12	60	99.64	107.45
70	68.78	75.83	70	83.23	90.97	70	99.05	107.47	70	116.24	125.36
80	78.61	86.67	80	95.12	103.96	80	113.20	122.83	80	132.85	143.27
90	88.43	97.50	90	107.01	116.96	90	127.35	138.18	90	149.46	161.17
100	98.26	108.33	100	118.90	129.95	100	141.50	153.53	100	166.06	179.08
200	196.52	216.67	200	237.79	259.90	200	282.99	307.07	200	332.12	358.16
300	294.78	325.00	300	356.69	389.85	300	424.49	460.60	300	498.19	537.24
400	393.04	433.33	400	475.58	519.80	400	565.99	614.13	400	664.25	716.33
500	491.31	541.67	500	594.48	649.75	500	707.48	767.67	500	830.31	895.41
600	589.57	650.00	600	713.38	779.71	600	848.98	921.20	600	996.37	1074.49
700	687.83	758.33	700	832.27	909.66	700	990.48	1074.73	700	1162.43	1253.57
800	786.09	866.67	800	951.17	1039.61	800	1131.97	1223.27	800	1328.50	1432.65
900	884.35	975.00	900	1070.07	1169.56	900	1273.47	1381.81	900	1494.56	1611.73
1000	982.61	1083.33	1000	1188.96	1299.51	1000	1414.97	1535.34	1000	1660.62	1790.82

STANDARD OF 12 FEET BY 21 INCHES.

Logs 13 Feet long.

Pcs.	28 ins.	29 ins.	Pcs.	30 ins.	31 ins.	Pcs.	32 ins.	33 ins.	Pcs.	34 ins.	35 ins.
1	1.93	2.06	1	2.21	2.36	1	2.52	2.68	1	2.84	3.01
2	3.85	4.13	2	4.42	4.72	2	5.03	5.35	2	5.68	6.02
3	5.78	6.20	3	6.63	7.08	3	7.55	8.03	3	8.52	9.03
4	7.70	8.26	4	8.84	9.44	4	10.06	10.70	4	11.36	12.04
5	9.63	10.33	5	11.05	11.80	5	12.58	13.38	5	14.20	15.05
6	11.56	12.40	6	13.27	14.16	6	15.09	16.05	6	17.04	18.06
7	13.48	14.46	7	15.48	16.53	7	17.61	18.73	7	19.88	21.06
8	15.41	16.53	8	17.69	18.89	8	20.12	21.40	8	22.72	24.07
9	17.33	18.59	9	19.90	21.25	9	22.64	24.08	9	25.56	27.08
10	19.26	20.66	10	22.11	23.61	10	25.15	26.75	10	28.40	30.09
20	38.52	41.32	20	44.22	47.21	20	50.31	53.50	20	56.80	60.19
30	57.78	61.98	30	66.33	70.82	30	75.46	80.28	30	85.19	90.28
40	77.04	82.64	40	88.44	94.43	40	100.62	107.01	40	113.59	120.37
50	96.30	103.30	50	110.54	118.04	50	125.77	133.76	50	141.99	150.46
60	115.56	123.96	60	132.65	141.64	60	150.93	160.51	60	170.39	180.56
70	134.81	144.62	70	154.76	165.25	70	176.08	187.20	70	198.78	210.65
80	154.07	165.28	80	176.87	188.86	80	201.24	214.01	80	227.18	240.74
90	173.33	185.93	90	198.98	212.47	90	226.39	240.77	90	255.58	270.83
100	192.59	206.59	100	221.09	236.07	100	251.55	267.52	100	283.98	300.93
200	385.19	413.19	200	442.18	472.15	200	503.10	535.03	200	567.95	601.85
300	577.78	619.78	300	663.26	708.22	300	754.65	802.55	300	851.93	902.78
400	770.37	826.38	400	884.35	944.29	400	1006.20	1070.07	400	1135.90	1203.70
500	962.96	1032.97	500	1105.44	1180.37	500	1257.75	1337.58	500	1419.88	1504.63
600	1155.56	1239.57	600	1326.53	1416.44	600	1509.30	1605.10	600	1703.86	1805.56
700	1348.15	1446.16	700	1547.62	1652.51	700	1760.85	1872.62	700	1987.83	2106.48
800	1540.74	1652.76	800	1768.70	1888.58	800	2012.40	2140.14	800	2271.81	2407.41
900	1733.33	1859.35	900	1989.79	2124.66	900	2263.95	2407.65	900	2555.78	2708.33
1000	1925.93	2065.95	1000	2210.88	2360.73	1000	2515.50	2675.17	1000	2839.76	3009.26

Pcs.	36 ins.	37 ins.	Pcs.	38 ins.	39 ins.	Pcs.	40 ins.	41 ins.	Pcs.	42 ins.	43 ins.
1	3.18	3.36	1	3.55	3.74	1	3.93	4.13	1	4.33	4.54
2	6.37	6.73	2	7.09	7.47	2	7.86	8.26	2	8.67	9.08
3	9.55	10.09	3	10.64	11.21	3	11.79	12.39	3	13.00	13.63
4	12.73	13.45	4	14.19	14.95	4	15.72	16.52	4	17.33	18.17
5	15.92	16.81	5	17.74	18.68	5	19.65	20.65	5	21.67	22.71
6	19.10	20.18	6	21.28	22.42	6	23.58	24.77	6	26.00	27.25
7	22.29	23.54	7	24.83	26.15	7	27.51	28.91	7	30.33	31.79
8	25.47	26.90	8	28.38	29.89	8	31.44	33.04	8	34.67	36.34
9	28.65	30.27	9	31.93	33.63	9	35.37	37.16	9	39.00	40.88
10	31.84	33.63	10	35.47	37.36	10	39.30	41.29	10	43.33	45.42
20	63.67	67.26	20	70.94	74.73	20	78.61	82.50	20	86.67	90.84
30	95.51	100.89	30	106.42	112.09	30	117.91	123.88	30	130.00	136.26
40	127.35	134.52	40	141.89	149.46	40	157.22	165.18	40	173.33	181.69
50	159.18	168.15	50	177.36	186.82	50	196.52	206.47	50	216.67	227.11
60	191.02	201.78	60	212.83	224.18	60	235.83	247.77	60	260.00	272.53
70	222.86	235.41	70	248.31	261.55	70	275.13	289.06	70	303.33	317.95
80	254.69	269.04	80	283.78	298.91	80	314.44	330.36	80	346.67	363.37
90	286.53	302.67	90	319.25	336.28	90	353.74	371.65	90	390.00	408.79
100	318.37	336.30	100	354.72	373.64	100	393.05	412.94	100	433.33	454.21
200	636.73	672.60	200	709.45	747.28	200	786.09	825.89	200	866.67	908.43
300	955.10	1008.90	300	1064.17	1120.92	300	1179.14	1238.83	300	1300.00	1362.64
400	1273.47	1345.20	400	1418.90	1494.56	400	1572.18	1651.78	400	1733.33	1816.86
500	1591.84	1681.60	500	1773.62	1868.20	500	1965.23	2064.72	500	2166.67	2271.07
600	1910.20	2017.80	600	2128.34	2241.84	600	2358.28	2477.66	600	2600.00	2725.28
700	2228.57	2354.10	700	2483.07	2615.48	700	2751.32	2890.61	700	3033.33	3179.50
800	2546.94	2690.40	800	2837.79	2989.12	800	3144.37	3303.55	800	3466.67	3633.71
900	2865.30	3026.70	900	3192.52	3362.75	900	3537.41	3716.50	900	3900.00	4087.93
1000	3183.67	3363.00	1000	3547.24	3736.39	1000	3930.46	4129.44	1000	4333.33	4542.14

STANDARD OF 12 FEET BY 21 INCHES.

39

Logs 14 Feet long.

35 ins.		Pcs.	12 ins.	13 ins.	Pcs.	14 ins.	15 ins.	Pcs.	16 ins.	17 ins.	Pcs.	18 ins.	19 ins.
1	3.01	1	.38	.45	1	.52	.60	1	.68	.76	1	.86	.96
2	6.02	2	.76	.89	2	1.04	1.19	2	1.35	1.53	2	1.71	1.91
3	9.03	3	1.14	1.34	3	1.56	1.79	3	2.03	2.29	3	2.57	2.87
4	12.04	4	1.52	1.79	4	2.07	2.38	4	2.71	3.06	4	3.43	3.82
5	15.05	5	1.90	2.24	5	2.59	2.98	5	3.39	3.82	5	4.29	4.78
6	18.06	6	2.29	2.68	6	3.11	3.57	6	4.06	4.59	6	5.14	5.73
7	21.06	7	2.67	3.13	7	3.63	4.17	7	4.74	5.35	7	6.00	6.69
8	24.07	8	3.05	3.58	8	4.15	4.76	8	5.42	6.12	8	6.86	7.64
9	27.08	9	3.43	4.02	9	4.67	5.36	9	6.10	6.88	9	7.71	8.60
10	30.09	10	3.81	4.47	10	5.19	5.95	10	6.77	7.65	10	8.57	9.55
20	60.19	20	7.62	8.94	20	10.37	11.90	20	13.54	15.29	20	17.14	19.10
30	90.28	30	11.43	13.41	30	15.56	17.86	30	20.32	22.94	30	25.71	28.65
40	120.37	40	15.24	17.88	40	20.74	23.81	40	27.09	30.58	40	34.29	38.20
50	150.46	50	19.05	22.35	50	25.93	29.76	50	33.86	38.23	50	42.86	47.75
60	180.56	60	22.86	26.83	60	31.11	35.71	60	40.63	45.87	60	51.43	57.30
70	210.65	70	26.67	31.30	70	36.30	41.67	70	47.41	53.52	70	60.00	66.85
80	240.74	80	30.48	35.77	80	41.48	47.62	80	54.18	61.16	80	68.57	76.40
90	270.83	90	34.29	40.24	90	46.67	53.57	90	60.95	68.81	90	77.14	85.95
100	300.93	100	38.10	44.71	100	51.85	59.52	100	67.72	76.46	100	85.71	95.50
200	601.85	200	76.19	89.42	200	103.70	119.05	200	135.45	152.91	200	171.43	191.01
300	902.78	300	114.29	134.13	300	155.56	178.57	300	203.17	229.37	300	257.14	286.51
400	1203.70	400	152.38	178.84	400	207.41	238.09	400	270.90	305.82	400	342.86	382.01
500	1504.63	500	190.48	223.54	500	259.26	297.62	500	338.62	382.28	500	428.57	477.51
600	1805.56	600	228.57	268.25	600	311.11	357.14	600	406.35	458.73	600	514.29	573.02
700	2106.48	700	266.67	312.96	700	362.96	416.67	700	474.07	535.19	700	600.00	668.52
800	2407.41	800	304.78	357.67	800	414.81	476.19	800	541.80	611.64	800	685.71	764.02
900	2708.33	900	342.86	402.38	900	466.67	535.71	900	609.52	688.10	900	771.43	859.52
1000	3009.26	1000	380.95	447.09	1000	518.52	595.24	1000	677.25	764.55	1000	857.14	955.03

43 ins.		Pcs.	20 ins.	21 ins.	Pcs.	22 ins.	23 ins.	Pcs.	24 ins.	25 ins.	Pcs.	26 ins.	27 ins.
1	4.54	1	1.06	1.17	1	1.28	1.40	1	1.52	1.65	1	1.79	1.92
2	9.08	2	2.12	2.33	2	2.56	2.80	2	3.05	3.31	2	3.58	3.86
3	13.63	3	3.17	3.50	3	3.84	4.20	3	4.57	4.96	3	5.37	5.79
4	18.17	4	4.23	4.67	4	5.12	5.60	4	6.10	6.61	4	7.15	7.71
5	22.71	5	5.29	5.83	5	6.40	7.00	5	7.62	8.27	5	8.94	9.64
6	27.25	6	6.35	7.00	6	7.68	8.40	6	9.14	9.92	6	10.73	11.57
7	31.79	7	7.41	8.17	7	8.96	9.80	7	10.67	11.57	7	12.52	13.50
8	36.34	8	8.47	9.33	8	10.24	11.20	8	12.19	13.23	8	14.31	15.43
9	40.88	9	9.52	10.50	9	11.52	12.60	9	13.71	14.88	9	16.10	17.36
10	45.42	10	10.58	11.67	10	12.80	13.99	10	15.24	16.53	10	17.88	19.29
20	90.84	20	21.16	23.33	20	25.61	27.99	20	30.48	33.07	20	35.77	38.57
30	136.26	30	31.75	35.00	30	38.41	41.98	30	45.71	49.60	30	53.65	57.86
40	181.69	40	42.33	46.07	40	51.22	55.98	40	60.95	66.14	40	71.53	77.14
50	227.11	50	52.91	58.33	50	64.02	69.97	50	76.19	82.67	50	89.42	96.43
60	272.53	60	63.49	70.00	60	76.83	83.97	60	91.43	99.21	60	107.30	115.71
70	317.95	70	74.07	81.67	70	89.03	97.96	70	106.67	115.57	70	125.19	135.00
80	363.37	80	84.66	93.33	80	102.43	111.96	80	121.90	132.28	80	143.07	154.29
90	408.79	90	95.24	105.00	90	115.24	125.95	90	137.14	148.81	90	160.95	173.57
100	454.21	100	105.82	116.67	100	128.04	139.95	100	152.38	165.34	100	178.84	192.86
200	908.43	200	211.64	233.33	200	256.08	279.89	200	304.76	330.69	200	357.67	385.71
300	1362.64	300	317.46	350.00	300	384.13	419.84	300	457.14	496.03	300	536.51	578.57
400	1816.86	400	423.28	466.67	400	512.17	559.79	400	609.52	661.38	400	715.34	771.43
500	2271.07	500	529.10	583.33	500	640.21	699.74	500	761.90	826.72	500	894.18	964.29
600	2725.28	600	634.92	700.00	600	768.25	839.68	600	914.29	992.06	600	1073.02	1157.14
700	3179.50	700	740.74	816.67	700	896.30	979.63	700	1066.67	1157.41	700	1251.85	1350.00
800	3633.71	800	846.56	933.33	800	1024.34	1119.58	800	1219.05	1322.75	800	1430.69	1542.86
900	4087.93	900	952.38	1050.00	900	1152.38	1259.52	900	1371.43	1488.10	900	1609.52	1735.71
1000	4542.14	1000	1058.20	1166.67	1000	1280.42	1399.47	1000	1523.81	1653.44	1000	1788.36	1928.57

Logs 14 Feet long.

Pcs.	28 ins.	29 ins.	Pcs.	30 ins.	31 ins.	Pcs.	32 ins.	33 ins.	Pcs.	34 ins.	35 ins.
1	2.07	2.22	1	2.38	2.54	1	2.71	2.88	1	3.06	3.24
2	4.15	4.45	2	4.76	5.08	2	5.42	5.76	2	6.12	6.48
3	6.22	6.67	3	7.14	7.63	3	8.13	8.64	3	9.17	9.72
4	8.30	8.90	4	9.52	10.17	4	10.84	11.52	4	12.23	12.96
5	10.37	11.12	5	11.90	12.71	5	13.54	14.40	5	15.29	16.20
6	12.44	13.35	6	14.29	15.25	6	16.25	17.29	6	18.35	19.44
7	14.52	15.57	7	16.67	17.80	7	18.96	20.17	7	21.41	22.69
8	16.59	17.80	8	19.05	20.34	8	21.67	23.05	8	24.47	25.93
9	18.67	20.02	9	21.43	22.88	9	24.38	25.93	9	27.52	29.17
10	20.74	22.25	10	23.81	25.42	10	27.09	28.81	10	30.58	32.41
20	41.48	44.50	20	47.62	50.85	20	54.18	57.62	20	61.16	64.81
30	62.22	66.75	30	71.43	76.27	30	81.27	86.43	30	91.75	97.22
40	82.96	88.99	40	95.24	101.69	40	108.36	115.24	40	122.33	129.63
50	103.70	111.24	50	119.05	127.12	50	135.45	144.05	50	152.91	162.04
60	124.44	133.49	60	142.86	152.54	60	162.54	172.86	60	183.49	194.44
70	145.19	155.74	70	166.67	177.96	70	189.63	201.67	70	214.07	226.85
80	165.93	177.99	80	190.48	203.39	80	216.72	230.48	80	244.66	259.26
90	186.67	200.24	90	214.29	228.81	90	243.81	259.29	90	275.24	291.67
100	207.41	222.49	100	238.10	254.23	100	270.90	288.10	100	305.82	324.07
200	414.81	444.97	200	476.19	508.47	200	541.80	576.19	200	611.64	648.15
300	622.22	667.46	300	714.29	762.70	300	812.70	864.29	300	917.46	972.22
400	829.63	889.95	400	952.38	1016.93	400	1083.60	1152.38	400	1223.28	1296.30
500	1037.04	1112.43	500	1190.48	1271.16	500	1354.50	1440.48	500	1529.10	1620.37
600	1244.44	1334.92	600	1428.57	1525.39	600	1625.40	1728.57	600	1834.92	1944.44
700	1451.85	1557.41	700	1666.67	1779.63	700	1896.30	2016.67	700	2140.74	2268.52
800	1659.26	1779.89	800	1904.76	2033.86	800	2167.20	2304.76	800	2446.56	2592.59
900	1866.67	2002.38	900	2142.86	2288.09	900	2438.10	2592.86	900	2752.38	2916.67
1000	2074.07	2224.87	1000	2380.95	2542.33	1000	2708.99	2880.95	1000	3058.20	3240.74

Pcs.	36 ins.	37 ins.	Pcs.	38 ins.	39 ins.	Pcs.	40 ins.	41 ins.	Pcs.	42 ins.	43 ins.
1	3.43	3.62	1	3.82	4.02	1	4.23	4.45	1	4.67	4.89
2	6.86	7.24	2	7.64	8.05	2	8.47	8.89	2	9.33	9.78
3	10.29	10.87	3	11.46	12.07	3	12.70	13.34	3	14.00	14.67
4	13.71	14.49	4	15.28	16.10	4	16.93	17.79	4	18.67	19.57
5	17.14	18.11	5	19.10	20.12	5	21.16	22.24	5	23.33	24.46
6	20.57	21.73	6	22.92	24.14	6	25.40	26.68	6	28.00	29.35
7	24.00	25.35	7	26.74	28.17	7	29.63	31.13	7	32.67	34.24
8	27.43	28.97	8	30.56	32.19	8	33.86	35.58	8	37.33	39.13
9	30.86	32.60	9	34.38	36.21	9	38.10	40.02	9	42.00	44.02
10	34.29	36.22	10	38.20	40.24	10	42.33	44.47	10	46.67	48.92
20	68.57	72.43	20	76.40	80.48	20	84.66	88.94	20	93.33	97.83
30	102.86	108.65	30	114.60	120.71	30	126.98	133.41	30	140.00	146.75
40	137.14	144.87	40	152.80	160.95	40	169.31	177.88	40	186.67	195.66
50	171.43	181.08	50	191.01	201.19	50	211.64	222.35	50	233.33	244.58
60	205.71	217.30	60	229.21	241.43	60	253.97	266.83	60	280.00	293.49
70	240.00	253.52	70	267.41	281.67	70	296.30	311.30	70	326.67	342.41
80	274.29	289.74	80	305.61	321.90	80	338.62	355.77	80	373.33	391.32
90	308.57	325.95	90	343.81	362.14	90	380.95	400.24	90	420.00	440.24
100	342.86	362.17	100	382.01	402.38	100	423.28	444.71	100	466.67	489.15
200	685.71	724.34	200	764.02	804.76	200	846.56	889.42	200	933.33	978.31
300	1028.57	1086.51	300	1146.03	1207.14	300	1269.84	1334.13	300	1400.00	1467.46
400	1371.43	1448.68	400	1528.04	1609.52	400	1693.12	1778.84	400	1866.67	1956.61
500	1714.29	1810.85	500	1910.05	2011.90	500	2116.40	2223.55	500	2333.33	2445.77
600	2057.14	2173.02	600	2292.06	2414.29	600	2539.68	2668.25	600	2800.00	2934.92
700	2400.00	2535.18	700	2674.07	2816.67	700	2962.96	3112.96	700	3266.67	3424.07
800	2742.86	2897.35	800	3056.08	3219.05	800	3386.24	3557.67	800	3733.33	3913.23
900	3085.71	3259.52	900	3438.09	3621.43	900	3809.52	4002.38	900	4200.00	4402.38
1000	3428.57	3621.69	1000	3820.11	4023.81	1000	4232.80	4447.09	1000	4666.67	4891.53

STANDARD OF 12 FEET BY 21 INCHES.

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Logs 15 Feet long.

35 ins.												
	Pcs.	12 ins.	13 ins.	Pcs.	14 ins.	15 ins.	Pcs.	16 ins.	17 ins.	Pcs.	18 ins.	19 ins.
3.24	1	.41	.48	1	.56	.64	1	.73	.82	1	.92	1.02
6.48	2	.82	.96	2	1.11	1.28	2	1.45	1.64	2	1.84	2.05
9.72	3	1.22	1.44	3	1.67	1.91	3	2.18	2.46	3	2.76	3.07
12.96	4	1.63	1.92	4	2.22	2.55	4	2.90	3.28	4	3.67	4.09
16.20	5	2.04	2.40	5	2.78	3.19	5	3.63	4.10	5	4.59	5.12
19.44	6	2.45	2.87	6	3.33	3.83	6	4.35	4.91	6	5.51	6.14
22.69	7	2.86	3.35	7	3.89	4.46	7	5.08	5.73	7	6.43	7.16
25.93	8	3.27	3.83	8	4.44	5.10	8	5.80	6.55	8	7.35	8.19
29.17	9	3.67	4.31	9	5.00	5.74	9	6.53	7.37	9	8.27	9.21
32.41	10	4.08	4.79	10	5.56	6.38	10	7.26	8.19	10	9.18	10.23
64.81	20	8.16	9.58	20	11.11	12.76	20	14.51	16.38	20	18.37	20.46
97.22	30	12.24	14.37	30	16.67	19.13	30	21.77	24.57	30	27.55	30.70
129.63	40	16.33	19.16	40	22.22	25.51	40	29.02	32.77	40	36.73	40.93
162.04	50	20.41	23.95	50	27.78	31.89	50	36.28	40.96	50	45.92	51.16
194.44	60	24.49	28.74	60	33.33	38.27	60	43.54	49.15	60	55.10	61.39
226.85	70	28.57	33.53	70	38.89	44.64	70	50.79	57.34	70	64.29	71.63
259.26	80	32.65	38.32	80	44.44	51.02	80	58.05	65.53	80	73.47	81.86
291.67	90	36.73	43.11	90	50.00	57.40	90	65.31	73.72	90	82.65	92.09
324.07	100	40.82	47.90	100	55.56	63.78	100	72.56	81.92	100	91.84	102.32
648.15	200	81.63	95.80	200	111.11	127.55	200	145.12	163.83	200	183.67	204.65
972.22	300	122.45	143.71	300	166.67	191.33	300	217.69	245.75	300	275.51	306.97
1296.30	400	163.27	191.61	400	222.22	255.10	400	290.25	327.66	400	367.35	409.30
1620.37	500	204.08	239.51	500	277.78	318.88	500	362.81	409.58	500	459.18	511.62
1944.44	600	244.90	287.41	600	333.33	382.65	600	435.37	491.50	600	551.02	613.95
2268.52	700	285.71	335.32	700	388.89	446.43	700	507.94	573.41	700	642.86	716.27
2592.59	800	326.53	383.22	800	444.44	510.20	800	580.50	655.33	800	734.69	818.59
2916.67	900	367.35	431.12	900	500.00	573.98	900	653.06	737.24	900	826.53	920.92
3240.74	1000	408.16	479.02	1000	555.56	637.75	1000	725.62	819.16	1000	918.37	1023.24

43 ins.												
	Pcs.	20 ins.	21 ins.	Pcs.	22 ins.	23 ins.	Pcs.	24 ins.	25 ins.	Pcs.	26 ins.	27 ins.
4.89	1	1.13	1.25	1	1.37	1.50	1	1.63	1.77	1	1.92	2.07
9.78	2	2.27	2.50	2	2.74	3.00	2	3.27	3.54	2	3.83	4.13
14.67	3	3.40	3.75	3	4.12	4.50	3	4.90	5.31	3	5.75	6.20
19.57	4	4.54	5.00	4	5.49	6.00	4	6.53	7.09	4	7.66	8.27
24.46	5	5.67	6.25	5	6.86	7.50	5	8.16	8.86	5	9.58	10.33
29.35	6	6.80	7.50	6	8.23	9.00	6	9.80	10.63	6	11.50	12.40
34.24	7	7.94	8.75	7	9.60	10.50	7	11.43	12.40	7	13.41	14.46
39.13	8	9.07	10.00	8	10.98	12.00	8	13.06	14.17	8	15.33	16.53
44.02	9	10.20	11.25	9	12.35	13.49	9	14.69	15.94	9	17.24	18.60
48.92	10	11.34	12.50	10	13.72	14.99	10	16.33	17.72	10	19.16	20.66
97.83	20	22.68	25.00	20	27.44	29.99	20	32.65	35.43	20	38.32	41.33
146.75	30	34.01	37.50	30	41.16	44.98	30	48.98	53.15	30	57.48	61.99
195.66	40	45.35	50.00	40	54.88	59.98	40	65.31	70.86	40	76.64	82.65
244.58	50	56.69	62.50	50	68.59	74.97	50	81.63	88.58	50	95.80	103.32
293.49	60	68.03	75.00	60	82.31	89.97	60	97.96	106.29	60	114.97	123.98
342.41	70	79.37	87.50	70	96.03	104.96	70	114.29	124.01	70	134.13	144.64
391.32	80	90.70	100.00	80	109.75	119.95	80	130.61	141.72	80	153.29	165.31
440.24	90	102.04	112.50	90	123.47	134.95	90	146.94	159.44	90	172.45	185.97
489.15	100	113.38	125.00	100	137.19	149.94	100	163.27	177.15	100	191.61	206.63
978.31	200	226.76	250.00	200	274.38	299.89	200	326.53	354.31	200	383.22	413.27
1467.46	300	340.14	375.00	300	411.56	449.83	300	489.80	531.46	300	574.83	619.90
1956.61	400	453.51	500.00	400	548.75	599.77	400	653.06	708.62	400	766.44	826.53
2445.77	500	566.89	625.00	500	685.94	749.72	500	816.33	885.77	500	958.05	1033.16
2934.92	600	680.27	750.00	600	823.13	899.66	600	979.59	1062.92	600	1149.66	1239.80
3424.07	700	793.65	875.00	700	960.32	1049.60	700	1142.86	1240.08	700	1341.27	1446.43
3913.23	800	907.03	1000.00	800	1097.51	1199.55	800	1306.12	1417.23	800	1532.88	1653.06
4402.38	900	1020.41	1125.00	900	1234.69	1349.49	900	1469.39	1594.39	900	1724.49	1859.70
4891.53	1000	1133.79	1250.00	1000	1371.88	1499.43	1000	1632.65	1771.54	1000	1916.10	2066.33

Logs 15 Feet long.

Pcs.	28 ins.	29 ins.	Pcs.	30 ins.	31 ins.	Pcs.	32 ins.	33 ins.	Pcs.	34 ins.	35 ins.
1	2.22	2.38	1	2.55	2.72	1	2.90	3.09	1	3.28	3.47
2	4.44	4.77	2	5.10	5.45	2	5.80	6.17	2	6.55	6.94
3	6.67	7.15	3	7.65	8.17	3	8.71	9.26	3	9.83	10.42
4	8.89	9.54	4	10.20	10.90	4	11.61	12.35	4	13.11	13.89
5	11.11	11.92	5	12.76	13.62	5	14.51	15.43	5	16.38	17.36
6	13.33	14.30	6	15.31	16.34	6	17.41	18.52	6	19.66	20.83
7	15.56	16.69	7	17.86	19.07	7	20.32	21.61	7	22.94	24.31
8	17.78	19.07	8	20.41	21.79	8	23.22	24.69	8	26.21	27.78
9	20.00	21.45	9	22.96	24.52	9	26.12	27.78	9	29.49	31.25
10	22.22	23.84	10	25.51	27.24	10	29.02	30.87	10	32.77	34.72
20	44.44	47.68	20	51.02	54.48	20	58.05	61.73	20	65.53	69.44
30	66.67	71.51	30	76.53	81.72	30	87.07	92.60	30	98.30	104.17
40	88.89	95.35	40	102.04	108.96	40	116.10	123.47	40	131.07	138.89
50	111.11	119.19	50	127.55	136.20	50	145.12	154.34	50	163.83	173.61
60	133.33	143.03	60	153.06	163.44	60	174.15	185.20	60	196.60	208.33
70	155.56	166.87	70	178.57	190.67	70	203.17	216.07	70	229.36	243.06
80	177.78	190.70	80	204.08	217.91	80	232.20	246.94	80	262.13	277.78
90	200.00	214.54	90	229.59	245.15	90	261.22	277.81	90	294.90	312.50
100	222.22	238.38	100	255.10	272.39	100	290.25	308.67	100	327.66	347.22
200	444.44	476.76	200	510.20	544.78	200	580.50	617.35	200	655.33	694.44
300	666.67	715.14	300	765.31	817.18	300	870.75	926.02	300	982.99	1041.67
400	888.89	953.52	400	1020.41	1089.57	400	1161.00	1234.69	400	1310.66	1388.89
500	1111.11	1191.89	500	1275.51	1361.96	500	1451.25	1543.37	500	1638.32	1736.11
600	1333.33	1430.27	600	1530.61	1634.35	600	1741.50	1852.04	600	1965.99	2083.33
700	1555.56	1668.65	700	1785.71	1906.75	700	2031.75	2160.71	700	2293.65	2430.56
800	1777.78	1907.03	800	2040.82	2179.14	800	2322.00	2469.39	800	2621.31	2777.78
900	2000.00	2145.41	900	2295.92	2451.53	900	2612.24	2778.06	900	2948.98	3125.00
1000	2222.22	2383.79	1000	2551.02	2723.92	1000	2902.49	3086.73	1000	3276.64	3472.22

Pcs.	36 ins.	37 ins.	Pcs.	38 ins.	39 ins.	Pcs.	40 ins.	41 ins.	Pcs.	42 ins.	43 ins.
1	3.67	3.88	1	4.09	4.31	1	4.54	4.76	1	5.00	5.24
2	7.35	7.76	2	8.19	8.62	2	9.07	9.53	2	10.00	10.48
3	11.02	11.64	3	12.28	12.93	3	13.61	14.29	3	15.00	15.72
4	14.69	15.52	4	16.37	17.24	4	18.14	19.06	4	20.00	20.96
5	18.37	19.40	5	20.46	21.56	5	22.68	23.82	5	25.00	26.20
6	22.04	23.28	6	24.56	25.87	6	27.21	28.59	6	30.00	31.45
7	25.71	27.16	7	28.65	30.18	7	31.75	33.35	7	35.00	36.69
8	29.39	31.04	8	32.74	34.49	8	36.28	38.12	8	40.00	41.93
9	33.06	34.92	9	36.84	38.80	9	40.82	42.88	9	45.00	47.17
10	36.73	38.80	10	40.93	43.11	10	45.35	47.65	10	50.00	52.41
20	73.47	77.61	20	81.86	86.22	20	90.70	95.29	20	100.00	104.82
30	110.20	116.41	30	122.79	129.34	30	136.05	142.94	30	150.00	157.23
40	146.94	155.22	40	163.72	172.45	40	181.41	190.59	40	200.00	209.64
50	183.67	194.02	50	204.65	215.56	50	226.76	238.24	50	250.00	262.05
60	220.41	232.82	60	245.58	258.67	60	272.11	285.88	60	300.00	314.46
70	257.14	271.63	70	286.51	301.78	70	317.46	333.53	70	350.00	366.86
80	293.88	310.43	80	327.44	344.90	80	362.81	381.18	80	400.00	419.27
90	330.61	349.23	90	368.37	388.01	90	408.16	428.83	90	450.00	471.68
100	367.35	388.04	100	409.30	431.12	100	453.51	476.47	100	500.00	524.09
200	734.69	776.08	200	818.59	862.24	200	907.03	952.95	200	1000.00	1048.19
300	1102.04	1164.12	300	1227.89	1293.37	300	1360.54	1429.42	300	1500.00	1572.28
400	1469.39	1552.15	400	1637.19	1724.49	400	1814.06	1905.90	400	2000.00	2096.37
500	1836.73	1940.19	500	2046.48	2155.61	500	2267.57	2382.37	500	2500.00	2620.46
600	2204.08	2328.23	600	2455.78	2586.73	600	2721.09	2858.84	600	3000.00	3144.56
700	2571.43	2716.27	700	2865.08	3017.85	700	3174.60	3335.32	700	3500.00	3668.65
800	2938.78	3104.31	800	3274.38	3448.98	800	3628.12	3811.79	800	4000.00	4192.74
900	3306.12	3492.35	900	3683.67	3880.10	900	4081.63	4288.27	900	4500.00	4716.84
1000	3673.47	3880.39	1000	4092.97	4311.22	1000	4535.15	4764.74	1000	5000.00	5240.93

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Logs 16 Feet long.

35 ins.	Pos.	12 ins.	13 ins.	Pos.	14 ins.	15 ins.	Pos.	16 ins.	17 ins.	Pos.	18 ins.	19 ins.
3.47	1	.44	.51	1	.59	.68	1	.77	.87	1	.98	1.09
6.94	2	.87	1.02	2	1.19	1.36	2	1.55	1.75	2	1.96	2.18
10.42	3	1.31	1.53	3	1.78	2.04	3	2.32	2.62	3	2.94	3.27
13.89	4	1.74	2.04	4	2.37	2.72	4	3.10	3.50	4	3.92	4.37
17.36	5	2.18	2.55	5	2.96	3.40	5	3.87	4.37	5	4.90	5.46
20.83	6	2.61	3.07	6	3.56	4.08	6	4.64	5.24	6	5.88	6.55
24.31	7	3.05	3.58	7	4.15	4.76	7	5.42	6.12	7	6.86	7.64
27.78	8	3.48	4.09	8	4.74	5.44	8	6.19	6.99	8	7.84	8.73
31.25	9	3.92	4.60	9	5.33	6.12	9	6.97	7.86	9	8.82	9.83
34.72	10	4.35	5.11	10	5.93	6.80	10	7.74	8.74	10	9.80	10.91
69.44	20	8.71	10.22	20	11.85	13.61	20	15.48	17.48	20	19.59	21.83
104.17	30	13.06	15.33	30	17.78	20.41	30	23.22	26.21	30	29.39	32.74
138.89	40	17.41	20.44	40	23.70	27.21	40	30.96	34.95	40	39.18	43.66
173.61	50	21.77	25.55	50	29.63	34.01	50	38.70	43.69	50	48.98	54.57
208.33	60	26.12	30.66	60	35.56	40.82	60	46.44	52.43	60	58.78	65.49
243.06	70	30.48	35.77	70	41.48	47.62	70	54.18	61.16	70	68.57	76.40
277.78	80	34.83	40.88	80	47.41	54.42	80	61.92	69.90	80	78.37	87.32
312.50	90	39.18	45.99	90	53.33	61.22	90	69.66	78.64	90	88.16	98.23
347.22	100	43.54	51.10	100	59.26	68.03	100	77.40	87.38	100	97.96	109.15
694.44	200	87.07	102.19	200	118.52	136.05	200	154.80	174.75	200	195.92	218.29
1041.67	300	130.61	153.29	300	177.78	204.08	300	232.20	262.13	300	293.88	327.44
1388.89	400	174.15	204.38	400	237.04	272.11	400	309.60	349.51	400	391.84	436.58
1736.11	500	217.69	255.48	500	296.30	340.14	500	387.00	436.89	500	489.80	545.73
2083.33	600	261.22	306.58	600	355.56	408.16	600	464.40	524.26	600	587.76	654.88
2430.56	700	304.76	357.67	700	414.81	476.19	700	541.80	611.64	700	685.71	764.02
2777.78	800	348.30	408.77	800	474.07	544.22	800	619.20	699.02	800	783.67	873.17
3125.00	900	391.83	459.86	900	533.33	612.24	900	696.60	786.39	900	881.63	982.31
3472.22	1000	435.37	510.96	1000	592.59	680.27	1000	774.00	873.77	1000	979.59	1091.46

43 ins.	Pos.	20 ins.	21 ins.	Pos.	22 ins.	23 ins.	Pos.	24 ins.	25 ins.	Pos.	26 ins.	27 ins.
5.24	1	1.21	1.33	1	1.46	1.60	1	1.74	1.89	1	2.04	2.20
10.48	2	2.42	2.67	2	2.93	3.20	2	3.48	3.78	2	4.09	4.41
15.72	3	3.63	4.00	3	4.39	4.80	3	5.22	5.67	3	6.13	6.61
20.96	4	4.84	5.33	4	5.85	6.40	4	6.97	7.56	4	8.18	8.82
26.20	5	6.05	6.67	5	7.32	8.00	5	8.71	9.45	5	10.22	11.02
31.45	6	7.26	8.00	6	8.78	9.60	6	10.45	11.34	6	12.26	13.22
36.69	7	8.47	9.38	7	10.24	11.20	7	12.19	13.23	7	14.31	15.43
41.93	8	9.67	10.67	8	11.71	12.80	8	13.93	15.12	8	16.35	17.63
47.17	9	10.88	12.00	9	13.17	14.39	9	15.67	17.01	9	18.39	19.84
52.41	10	12.09	13.33	10	14.63	15.99	10	17.41	18.90	10	20.44	22.04
104.82	20	24.19	26.67	20	29.27	31.99	20	34.83	37.79	20	40.88	44.08
157.23	30	36.28	40.00	30	43.90	47.98	30	52.24	56.69	30	61.32	66.12
209.64	40	48.37	53.33	40	58.53	63.98	40	69.66	75.59	40	81.75	88.16
262.05	50	60.47	66.67	50	73.17	79.97	50	87.07	94.48	50	102.19	110.20
314.46	60	72.56	80.00	60	87.80	95.96	60	104.49	113.38	60	122.63	132.24
366.86	70	84.66	93.33	70	102.43	111.96	70	121.90	132.27	70	143.07	154.29
419.27	80	96.75	106.67	80	117.07	127.95	80	139.32	151.17	80	163.51	176.33
471.68	90	108.84	120.00	90	131.70	143.95	90	156.73	170.07	90	183.95	198.37
524.09	100	120.94	133.33	100	146.33	159.94	100	174.15	188.96	100	204.38	220.41
1048.19	200	241.87	266.67	200	292.67	319.88	200	348.30	377.93	200	408.77	440.82
1572.28	300	362.81	400.00	300	439.00	479.82	300	522.45	566.89	300	613.15	661.22
2096.37	400	483.75	533.33	400	585.34	639.76	400	696.60	755.86	400	817.54	881.63
2620.46	500	604.69	666.67	500	731.67	799.70	500	870.75	944.82	500	1021.92	1102.04
3144.56	600	725.62	800.00	600	878.00	959.64	600	1044.90	1133.79	600	1226.30	1322.45
3668.65	700	846.56	933.33	700	1024.34	1119.58	700	1219.05	1322.75	700	1430.69	1542.86
4192.74	800	967.50	1066.67	800	1170.67	1279.52	800	1393.20	1511.71	800	1635.07	1763.26
4716.84	900	1088.43	1200.00	900	1317.01	1439.46	900	1567.35	1700.68	900	1839.46	1983.67
5240.93	1000	1209.37	1333.33	1000	1463.34	1599.40	1000	1741.50	1889.64	1000	2043.84	2204.08

Logs 16 Feet long.

Pcs.	28 ins.	29 ins.	Pcs.	30 ins.	31 ins.	Pcs.	32 ins.	33 ins.	Pcs.	34 ins.	35 ins.
1	2.37	2.54	1	2.72	2.91	1	3.10	3.29	1	3.50	3.70
2	4.74	5.09	2	5.44	5.81	2	6.19	6.59	2	6.99	7.41
3	7.11	7.63	3	8.16	8.72	3	9.29	9.88	3	10.49	11.11
4	9.48	10.17	4	10.88	11.62	4	12.38	13.17	4	13.98	14.81
5	11.85	12.71	5	13.61	14.53	5	15.48	16.46	5	17.48	18.52
6	14.22	15.26	6	16.33	17.43	6	18.58	19.76	6	20.97	22.22
7	16.59	17.80	7	19.05	20.34	7	21.67	23.05	7	24.47	25.93
8	18.96	20.34	8	21.77	23.24	8	24.77	26.34	8	27.96	29.63
9	21.33	22.88	9	24.49	26.15	9	27.86	29.63	9	31.46	33.33
10	23.70	25.43	10	27.21	29.06	10	30.96	32.93	10	34.95	37.04
20	47.41	50.85	20	54.42	58.11	20	61.92	65.85	20	69.90	74.07
30	71.11	76.28	30	81.63	87.17	30	92.88	98.78	30	104.85	111.11
40	94.81	101.71	40	108.84	116.22	40	123.84	131.70	40	139.80	148.15
50	118.52	127.14	50	136.05	145.28	50	154.80	164.63	50	174.75	185.19
60	142.22	152.56	60	163.27	174.33	60	185.76	197.55	60	209.71	222.22
70	165.93	177.99	70	190.48	203.39	70	216.72	230.48	70	244.66	259.26
80	189.63	203.42	80	217.69	232.44	80	247.68	263.40	80	279.61	296.30
90	213.33	228.84	90	244.90	261.50	90	278.64	296.83	90	314.56	333.33
100	237.04	254.27	100	272.11	290.55	100	309.60	329.25	100	349.51	370.37
200	474.07	508.54	200	544.22	581.10	200	619.20	658.50	200	699.02	740.74
300	711.11	762.81	300	816.33	871.66	300	928.80	987.75	300	1048.53	1111.11
400	948.15	1017.08	400	1088.44	1162.21	400	1238.40	1317.01	400	1398.03	1481.48
500	1185.18	1271.35	500	1360.54	1452.76	500	1548.00	1646.26	500	1747.54	1851.85
600	1422.22	1525.62	600	1632.65	1743.31	600	1857.60	1975.51	600	2097.05	2222.22
700	1659.26	1779.89	700	1904.76	2033.86	700	2167.20	2304.76	700	2446.56	2592.59
800	1896.30	2034.16	800	2176.87	2324.41	800	2476.80	2634.01	800	2796.07	2962.96
900	2133.33	2288.44	900	2448.98	2614.97	900	2786.39	2963.26	900	3145.58	3333.33
1000	2370.37	2542.71	1000	2721.09	2905.52	1000	3095.99	3292.52	1000	3495.09	3703.70

Pcs.	36 ins.	37 ins.	Pcs.	38 ins.	39 ins.	Pcs.	40 ins.	41 ins.	Pcs.	42 ins.	43 ins.
1	3.92	4.14	1	4.37	4.60	1	4.84	5.08	1	5.33	5.59
2	7.84	8.28	2	8.73	9.20	2	9.67	10.16	2	10.67	11.18
3	11.76	12.42	3	13.10	13.80	3	14.51	15.25	3	16.00	16.77
4	15.67	16.56	4	17.46	18.39	4	19.35	20.33	4	21.33	22.36
5	19.59	20.70	5	21.83	22.99	5	24.19	25.41	5	26.67	27.95
6	23.51	24.83	6	26.20	27.59	6	29.02	30.49	6	32.00	33.54
7	27.43	28.97	7	30.56	32.19	7	33.86	35.58	7	37.33	39.13
8	31.35	33.11	8	34.93	36.79	8	38.70	40.66	8	42.67	44.72
9	35.27	37.25	9	39.29	41.39	9	43.54	45.74	9	48.00	50.31
10	39.18	41.39	10	43.66	45.99	10	48.37	50.82	10	53.33	55.90
20	78.37	82.78	20	87.32	91.97	20	96.75	101.65	20	106.67	111.81
30	117.55	124.17	30	130.98	137.96	30	145.12	152.47	30	160.00	167.71
40	156.73	165.56	40	174.63	183.95	40	193.50	203.30	40	213.33	223.61
50	195.92	206.95	50	218.29	229.93	50	241.87	254.12	50	266.67	279.52
60	235.10	248.34	60	261.95	275.92	60	290.25	304.94	60	320.00	335.42
70	274.29	289.74	70	305.61	321.90	70	338.62	355.77	70	373.33	391.32
80	313.47	331.13	80	349.27	367.89	80	387.00	406.59	80	426.67	447.23
90	352.65	372.52	90	392.93	413.88	90	435.37	457.41	90	480.00	503.13
100	391.84	413.91	100	436.58	459.86	100	483.75	508.24	100	533.33	559.03
200	783.67	827.82	200	873.17	919.73	200	967.50	1016.48	200	1066.67	1118.06
300	1175.51	1241.72	300	1309.75	1379.59	300	1451.25	1524.72	300	1600.00	1677.10
400	1567.35	1655.63	400	1746.33	1839.46	400	1935.00	2032.96	400	2133.33	2236.13
500	1959.18	2069.54	500	2182.92	2299.32	500	2418.75	2541.19	500	2666.67	2795.16
600	2351.02	2483.45	600	2619.50	2759.18	600	2902.49	3049.43	600	3200.00	3354.19
700	2742.86	2897.35	700	3056.08	3219.05	700	3386.24	3557.67	700	3733.33	3913.23
800	3134.69	3311.26	800	3492.66	3678.91	800	3869.99	4065.91	800	4266.67	4472.26
900	3526.53	3725.17	900	3929.25	4138.77	900	4353.74	4574.15	900	4800.00	5031.29
1000	3918.37	4139.08	1000	4365.83	4598.64	1000	4837.49	5082.39	1000	5333.33	5590.32

STANDARD OF 12 FEET BY 21 INCHES.

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Logs 17 Feet long.

35 ins.	Pcs.	12 ins.	13 ins.	Pcs.	14 ins.	15 ins.	Pcs.	16 ins.	17 ins.	Pcs.	18 ins.	19 ins.
3.70	1	.46	.54	1	.63	.72	1	.82	.93	1	1.04	1.16
7.41	2	.93	1.09	2	1.26	1.45	2	1.64	1.86	2	2.08	2.32
11.11	3	1.39	1.63	3	1.89	2.17	3	2.47	2.79	3	3.12	3.48
14.81	4	1.85	2.17	4	2.52	2.89	4	3.29	3.71	4	4.16	4.64
18.52	5	2.31	2.71	5	3.15	3.61	5	4.11	4.64	5	5.20	5.80
22.22	6	2.78	3.26	6	3.78	4.34	6	4.93	5.57	6	6.24	6.96
25.93	7	3.24	3.80	7	4.41	5.06	7	5.76	6.50	7	7.29	8.12
29.63	8	3.70	4.34	8	5.04	5.78	8	6.58	7.43	8	8.33	9.28
33.33	9	4.16	4.89	9	5.67	6.51	9	7.40	8.36	9	9.37	10.44
37.04	10	4.63	5.43	10	6.30	7.23	10	8.22	9.28	10	10.41	11.60
74.07	20	9.25	10.86	20	12.59	14.46	20	16.45	18.57	20	20.82	23.19
111.11	30	13.88	16.29	30	18.89	21.68	30	24.67	27.85	30	31.22	34.79
148.15	40	18.50	21.72	40	25.19	28.91	40	32.89	37.14	40	41.63	46.39
185.19	50	23.13	27.14	50	31.48	36.14	50	41.12	46.42	50	52.04	57.98
222.22	60	27.76	32.57	60	37.78	43.37	60	49.34	55.70	60	62.45	69.58
259.26	70	32.38	38.00	70	44.07	50.60	70	57.57	64.99	70	72.86	81.18
296.30	80	37.01	43.43	80	50.37	57.82	80	65.79	74.27	80	83.27	92.77
333.33	90	41.63	48.86	90	56.67	65.05	90	74.01	83.55	90	93.67	104.37
370.37	100	46.26	54.29	100	62.96	72.28	100	82.24	92.84	100	104.08	115.97
740.74	200	92.52	108.58	200	125.93	144.56	200	164.47	185.68	200	208.16	231.93
1111.11	300	138.78	162.87	300	188.89	216.84	300	246.71	278.51	300	312.24	347.90
1481.48	400	185.03	217.16	400	251.85	289.12	400	328.95	371.35	400	416.33	463.87
1851.85	500	231.29	271.45	500	314.81	361.39	500	411.19	464.19	500	520.41	579.84
2222.22	600	277.55	325.74	600	377.78	433.67	600	493.42	557.03	600	624.49	695.80
2592.59	700	323.81	380.03	700	440.74	505.95	700	575.66	649.87	700	728.57	811.77
2962.96	800	370.07	434.32	800	503.70	578.23	800	657.90	742.71	800	832.65	927.74
3333.33	900	416.33	488.61	900	566.67	650.51	900	740.13	835.54	900	936.74	1043.71
3703.70	1000	462.59	542.90	1000	629.63	722.79	1000	822.37	928.38	1000	1040.82	1159.67

43 ins.	Pcs.	20 ins.	21 ins.	Pcs.	22 ins.	23 ins.	Pcs.	24 ins.	25 ins.	Pcs.	26 ins.	27 ins.
5.59	1	1.28	1.42	1	1.55	1.70	1	1.85	2.01	1	2.17	2.34
11.18	2	2.57	2.83	2	3.11	3.40	2	3.70	4.02	2	4.34	4.68
16.77	3	3.85	4.25	3	4.66	5.10	3	5.55	6.02	3	6.51	7.03
22.36	4	5.14	5.67	4	6.22	6.80	4	7.40	8.03	4	8.69	9.37
27.95	5	6.42	7.08	5	7.77	8.50	5	9.25	10.04	5	10.86	11.71
33.54	6	7.71	8.50	6	9.33	10.20	6	11.10	12.05	6	13.03	14.05
39.13	7	8.99	9.92	7	10.88	11.90	7	12.95	14.05	7	15.20	16.39
44.72	8	10.28	11.33	8	12.44	13.59	8	14.80	16.06	8	17.37	18.73
50.31	9	11.56	12.75	9	13.99	15.29	9	16.65	18.07	9	19.54	21.08
55.90	10	12.85	14.17	10	15.55	16.99	10	18.50	20.08	10	21.72	23.42
111.81	20	25.70	28.33	20	31.10	33.99	20	37.01	40.16	20	43.43	46.84
167.71	30	38.55	42.50	30	46.64	50.98	30	55.51	60.23	30	65.15	70.26
223.61	40	51.40	56.67	40	62.19	67.97	40	74.01	80.31	40	86.86	93.67
279.52	50	64.25	70.83	50	77.74	84.97	50	92.52	100.39	50	108.58	117.09
335.42	60	77.10	85.00	60	93.29	101.96	60	111.02	120.46	60	130.29	140.51
391.32	70	89.95	99.17	70	108.84	118.96	70	129.52	140.54	70	152.01	163.93
447.23	80	102.80	113.33	80	124.38	135.95	80	148.03	160.62	80	173.73	187.35
503.13	90	115.65	127.50	90	139.93	152.94	90	166.53	180.70	90	195.44	210.77
559.03	100	128.50	141.67	100	155.48	169.94	100	185.03	200.77	100	217.16	234.18
1118.06	200	256.99	283.33	200	310.96	339.87	200	370.07	401.55	200	434.32	468.37
1677.10	300	385.49	425.00	300	466.44	509.81	300	555.10	602.32	300	651.47	702.55
2236.13	400	513.98	566.67	400	621.92	679.74	400	740.14	803.10	400	868.63	936.73
2795.16	500	642.48	708.33	500	777.40	849.68	500	925.17	1003.87	500	1085.79	1170.92
3354.19	600	770.97	850.00	600	932.88	1019.61	600	1110.20	1204.65	600	1302.95	1405.10
3913.23	700	899.47	991.67	700	1088.36	1189.55	700	1295.24	1405.42	700	1520.11	1639.29
4472.26	800	1027.97	1133.33	800	1243.84	1359.49	800	1480.27	1606.20	800	1737.26	1873.47
5031.29	900	1156.47	1275.00	900	1399.32	1529.42	900	1665.31	1806.97	900	1954.42	2107.65
5590.32	1000	1284.96	1416.67	1000	1554.80	1699.36	1000	1850.34	2007.75	1000	2171.58	2341.84

Logs 17 Feet long.

Pcs.	28 ins.	29 ins.	Pcs.	30 ins.	31 ins.	Pcs.	32 ins.	33 ins.	Pcs.	34 ins.	35 ins.
1	2.52	2.70	1	2.89	3.09	1	3.29	3.50	1	3.71	3.94
2	5.04	5.40	2	5.78	6.17	2	6.58	7.00	2	7.43	7.87
3	7.56	8.10	3	8.67	9.26	3	9.87	10.49	3	11.14	11.81
4	10.07	10.81	4	11.56	12.35	4	13.16	13.99	4	14.85	15.74
5	12.59	13.51	5	14.46	15.44	5	16.45	17.49	5	18.57	19.68
6	15.11	16.21	6	17.35	18.52	6	19.74	20.99	6	22.28	23.61
7	17.63	18.91	7	20.24	21.61	7	23.03	24.49	7	25.99	27.55
8	20.15	21.61	8	23.13	24.70	8	26.32	27.99	8	29.71	31.48
9	22.67	24.31	9	26.02	27.78	9	29.61	31.48	9	33.42	35.42
10	25.19	27.02	10	28.91	30.87	10	32.89	34.98	10	37.14	39.35
20	50.37	54.03	20	57.82	61.74	20	65.79	69.97	20	74.27	78.70
30	75.56	81.05	30	86.73	92.61	30	98.68	104.95	30	111.41	118.06
40	100.74	108.07	40	115.65	123.48	40	131.58	139.93	40	148.54	157.41
50	125.93	135.08	50	144.56	154.36	50	164.47	174.91	50	185.68	196.76
60	151.11	162.10	60	173.47	185.23	60	197.37	209.90	60	222.81	236.11
70	176.30	189.11	70	202.38	216.10	70	230.26	244.88	70	259.95	275.46
80	201.48	216.13	80	231.29	246.97	80	263.16	279.86	80	297.08	314.81
90	226.67	243.15	90	260.20	277.84	90	296.05	314.85	90	334.22	354.17
100	251.85	270.16	100	289.12	308.71	100	328.95	349.83	100	371.35	393.52
200	503.70	540.33	200	578.23	617.42	200	657.90	699.66	200	742.71	787.04
300	755.56	810.49	300	867.35	926.13	300	986.85	1049.49	300	1114.06	1180.56
400	1007.41	1080.65	400	1156.46	1234.84	400	1315.80	1399.32	400	1485.41	1574.07
500	1259.26	1350.81	500	1445.58	1543.56	500	1644.75	1749.15	500	1856.76	1967.59
600	1511.11	1620.98	600	1734.69	1852.27	600	1973.70	2098.98	600	2228.12	2361.11
700	1762.96	1891.14	700	2023.81	2160.98	700	2302.65	2448.81	700	2599.47	2754.63
800	2014.81	2161.30	800	2312.93	2469.69	800	2631.59	2798.64	800	2970.82	3148.15
900	2266.67	2431.46	900	2602.04	2778.40	900	2960.54	3148.47	900	3342.18	3541.67
1000	2518.52	2701.63	1000	2891.16	3087.11	1000	3289.49	3498.30	1000	3713.53	3935.19

Pcs.	36 ins.	37 ins.	Pcs.	38 ins.	39 ins.	Pcs.	40 ins.	41 ins.	Pcs.	42 ins.	43 ins.
1	4.16	4.40	1	4.64	4.89	1	5.14	5.40	1	5.67	5.94
2	8.33	8.80	2	9.28	9.77	2	10.28	10.80	2	11.33	11.88
3	12.49	13.19	3	13.92	14.66	3	15.42	16.20	3	17.00	17.82
4	16.65	17.59	4	18.55	19.54	4	20.56	21.60	4	22.67	23.76
5	20.82	21.99	5	23.19	24.43	5	25.70	27.00	5	28.33	29.70
6	24.98	26.39	6	27.83	29.32	6	30.83	32.40	6	34.00	35.64
7	29.14	30.78	7	32.47	34.20	7	35.98	37.80	7	39.67	41.58
8	33.31	35.18	8	37.11	39.09	8	41.12	43.20	8	45.33	47.52
9	37.47	39.58	9	41.75	43.97	9	46.26	48.60	9	51.00	53.46
10	41.63	43.98	10	46.39	48.86	10	51.40	54.00	10	56.67	59.40
20	83.27	87.96	20	92.77	97.72	20	102.80	108.00	20	113.33	118.79
30	124.90	131.93	30	139.16	146.58	30	154.20	162.00	30	170.00	178.19
40	166.53	175.91	40	185.55	195.44	40	205.59	216.00	40	226.67	237.59
50	208.16	219.89	50	231.93	244.30	50	256.99	270.00	50	283.33	296.99
60	249.80	263.87	60	278.32	293.16	60	308.39	324.00	60	340.00	356.38
70	291.43	307.84	70	324.71	342.02	70	359.79	378.00	70	396.67	415.78
80	333.06	351.82	80	371.10	390.88	80	411.19	432.00	80	453.33	475.18
90	374.69	395.80	90	417.48	439.74	90	462.59	486.00	90	510.00	534.59
100	416.33	439.78	100	463.87	488.61	100	513.98	540.00	100	566.67	593.97
200	832.65	879.55	200	927.74	977.21	200	1027.97	1080.01	200	1133.33	1187.94
300	1248.98	1319.33	300	1391.61	1465.82	300	1541.95	1620.01	300	1700.00	1781.91
400	1665.31	1759.11	400	1855.48	1954.42	400	2055.93	2160.01	400	2266.67	2375.89
500	2081.63	2198.89	500	2319.35	2443.03	500	2569.92	2700.02	500	2833.33	2969.86
600	2497.96	2638.66	600	2783.22	2931.63	600	3083.90	3240.02	600	3400.00	3563.83
700	2914.28	3078.44	700	3247.09	3420.24	700	3597.88	3780.03	700	3966.67	4157.80
800	3330.61	3518.22	800	3710.96	3908.84	800	4111.87	4320.03	800	4533.33	4751.78
900	3746.94	3957.99	900	4174.83	4397.45	900	4625.85	4860.03	900	5100.00	5345.75
1000	4163.26	4397.77	1000	4638.70	4886.05	1000	5139.83	5400.04	1000	5666.67	5939.72

STANDARD OF 12 FEET BY 21 INCHES.

47

Logs 18 Feet long.

35 ins.	Pcs.	12 ins.	13 ins.	Pcs.	14 ins.	15 ins.	Pcs.	16 ins.	17 ins.	Pcs.	18 ins.	19 ins.
3.94	1	.49	.57	1	.67	.77	1	.87	.98	1	1.10	1.22
7.87	2	.98	1.15	2	1.33	1.53	2	1.74	1.97	2	2.20	2.46
11.81	3	1.47	1.72	3	2.00	2.30	3	2.61	2.95	3	3.31	3.68
15.74	4	1.96	2.30	4	2.67	3.06	4	3.48	3.93	4	4.41	4.91
19.68	5	2.45	2.87	5	3.33	3.83	5	4.35	4.91	5	5.51	6.14
23.61	6	2.94	3.45	6	4.00	4.59	6	5.22	5.90	6	6.61	7.37
27.55	7	3.43	4.02	7	4.67	5.36	7	6.10	6.88	7	7.71	8.60
31.48	8	3.92	4.60	8	5.33	6.12	8	6.97	7.86	8	8.82	9.82
35.42	9	4.41	5.17	9	6.00	6.89	9	7.84	8.85	9	9.92	11.05
39.35	10	4.90	5.75	10	6.67	7.65	10	8.71	9.83	10	11.02	12.28
78.70	20	9.80	11.50	20	13.33	15.31	20	17.41	19.66	20	22.04	24.56
118.06	30	14.69	17.24	30	20.00	22.96	30	26.12	29.49	30	33.06	36.84
157.41	40	19.59	22.99	40	26.67	30.61	40	34.83	39.32	40	44.08	49.12
196.76	50	24.49	28.74	50	33.33	38.27	50	43.54	49.15	50	55.10	61.39
236.11	60	29.39	34.49	60	40.00	45.92	60	52.24	58.98	60	66.12	73.67
275.46	70	34.29	40.24	70	46.67	53.57	70	60.95	68.81	70	77.14	85.95
314.81	80	39.18	45.99	80	53.33	61.22	80	69.66	78.64	80	88.16	98.23
354.17	90	44.08	51.73	90	60.00	68.88	90	78.37	88.47	90	99.18	110.51
393.52	100	48.98	57.48	100	66.67	76.53	100	87.07	98.30	100	110.20	122.79
787.04	200	97.96	114.97	200	133.33	153.06	200	174.15	196.60	200	220.41	245.58
1180.56	300	146.94	172.45	300	200.00	229.59	300	261.22	294.90	300	330.61	368.37
1574.07	400	195.92	229.93	400	266.67	306.12	400	348.30	393.20	400	440.82	491.16
1967.59	500	244.90	287.41	500	333.33	382.65	500	435.37	491.50	500	551.02	613.95
2361.11	600	293.88	344.90	600	400.00	459.18	600	522.45	589.80	600	661.22	736.73
2754.63	700	342.86	402.38	700	466.67	535.71	700	609.52	688.10	700	771.43	859.52
3148.15	800	391.84	459.86	800	533.33	612.24	800	696.60	786.39	800	881.63	982.31
3541.67	900	440.82	517.35	900	600.00	688.78	900	783.67	884.69	900	991.84	1105.10
3935.19	1000	489.80	574.83	1000	666.67	765.31	1000	870.75	982.99	1000	1102.04	1227.89

43 ins.	Pcs.	20 ins.	21 ins.	Pcs.	22 ins.	23 ins.	Pcs.	24 ins.	25 ins.	Pcs.	26 ins.	27 ins.
5.94	1	1.36	1.50	1	1.65	1.80	1	1.96	2.13	1	2.30	2.48
11.88	2	2.72	3.00	2	3.29	3.60	2	3.92	4.25	2	4.60	4.96
17.82	3	4.08	4.50	3	4.94	5.40	3	5.88	6.38	3	6.90	7.44
23.76	4	5.44	6.00	4	6.59	7.20	4	7.84	8.50	4	9.20	9.92
29.70	5	6.80	7.50	5	8.23	9.00	5	9.80	10.63	5	11.50	12.40
35.64	6	8.16	9.00	6	9.88	10.80	6	11.76	12.76	6	13.80	14.88
41.58	7	9.52	10.50	7	11.52	12.60	7	13.71	14.88	7	16.10	17.36
47.52	8	10.88	12.00	8	13.17	14.39	8	15.67	17.01	8	18.39	19.84
53.46	9	12.24	13.50	9	14.82	16.19	9	17.63	19.13	9	20.69	22.32
59.40	10	13.61	15.00	10	16.46	17.99	10	19.59	21.26	10	22.99	24.80
118.79	20	27.21	30.00	20	32.93	35.99	20	39.18	42.52	20	45.99	49.69
178.19	30	40.82	45.00	30	49.39	53.98	30	58.78	63.78	30	68.98	74.39
237.59	40	54.42	60.00	40	65.85	71.97	40	78.37	85.03	40	91.97	99.18
296.99	50	68.03	75.00	50	82.31	89.97	50	97.96	106.29	50	114.97	123.98
356.38	60	81.63	90.00	60	98.78	107.96	60	117.55	127.55	60	137.96	148.78
415.78	70	95.24	105.00	70	115.24	125.95	70	137.14	148.81	70	160.95	173.67
475.18	80	108.84	120.00	80	131.70	143.95	80	156.73	170.07	80	183.95	198.37
534.59	90	122.45	135.00	90	148.16	161.94	90	176.33	191.33	90	206.94	223.16
593.97	100	136.05	150.00	100	164.63	179.93	100	195.92	212.59	100	229.93	247.96
1187.94	200	272.11	300.00	200	329.25	359.86	200	391.84	425.17	200	459.86	495.92
1781.91	300	408.16	450.00	300	493.88	539.80	300	587.76	637.76	300	689.80	743.88
2375.89	400	544.22	600.00	400	658.50	719.73	400	783.67	850.34	400	919.73	991.84
2969.86	500	680.27	750.00	500	823.13	899.66	500	979.59	1062.93	500	1149.66	1239.80
3563.83	600	816.33	900.00	600	987.76	1079.59	600	1175.51	1275.51	600	1379.59	1487.76
4157.80	700	952.38	1050.00	700	1152.38	1259.52	700	1371.43	1488.10	700	1609.52	1735.71
4751.78	800	1088.43	1200.00	800	1317.01	1439.46	800	1567.35	1700.68	800	1839.46	1983.67
5345.75	900	1224.49	1350.00	900	1481.63	1619.39	900	1763.26	1913.27	900	2069.39	2231.68
5939.72	1000	1360.54	1500.00	1000	1646.26	1799.32	1000	1959.18	2125.86	1000	2299.32	2479.89

Logs 18 Feet long.

Pos.	28 ins.	29 ins.	Pos.	30 ins.	31 ins.	Pos.	32 ins.	33 ins.	Pos.	34 ins.	35 ins.
1	2.67	2.86	1	3.06	3.27	1	3.48	3.70	1	3.93	4.17
2	5.33	5.72	2	6.12	6.54	2	6.97	7.41	2	7.86	8.33
3	8.00	8.58	3	9.18	9.81	3	10.45	11.11	3	11.80	12.50
4	10.67	11.44	4	12.24	13.07	4	13.93	14.82	4	15.73	16.67
5	13.33	14.30	5	15.31	16.34	5	17.41	18.52	5	19.66	20.83
6	16.00	17.16	6	18.37	19.61	6	20.90	22.22	6	23.59	25.00
7	18.67	20.02	7	21.43	22.88	7	24.38	25.93	7	27.52	29.17
8	21.33	22.88	8	24.49	26.15	8	27.86	29.63	8	31.46	33.33
9	24.00	25.74	9	27.55	29.42	9	31.35	33.34	9	35.39	37.50
10	26.67	28.61	10	30.61	32.69	10	34.83	37.04	10	39.32	41.67
20	53.33	57.21	20	61.22	65.37	20	69.66	74.08	20	78.64	83.33
30	80.00	85.82	30	91.84	98.06	30	104.49	111.12	30	117.96	125.00
40	106.67	114.42	40	122.45	130.75	40	139.32	148.16	40	157.28	166.67
50	133.33	143.03	50	153.06	163.44	50	174.15	185.20	50	196.60	208.33
60	160.00	171.63	60	183.67	196.12	60	208.98	222.24	60	235.92	250.00
70	186.67	200.24	70	214.29	228.81	70	243.81	259.29	70	275.24	291.67
80	213.33	228.84	80	244.90	261.50	80	278.64	296.33	80	314.56	333.33
90	240.00	257.45	90	275.51	294.18	90	313.47	333.37	90	353.88	375.00
100	266.67	286.05	100	306.12	326.87	100	348.30	370.41	100	393.20	416.67
200	533.33	572.11	200	612.24	653.74	200	696.60	740.82	200	786.39	833.33
300	800.00	858.16	300	918.37	980.61	300	1044.90	1111.22	300	1179.59	1250.00
400	1066.67	1144.22	400	1224.49	1307.48	400	1393.20	1481.63	400	1572.79	1666.67
500	1333.33	1430.27	500	1530.61	1634.35	500	1741.50	1852.04	500	1965.99	2083.33
600	1600.00	1716.33	600	1836.73	1961.22	600	2089.80	2222.45	600	2359.18	2500.00
700	1866.67	2002.38	700	2142.86	2288.10	700	2438.10	2592.86	700	2752.38	2916.67
800	2133.33	2288.44	800	2448.98	2614.97	800	2786.40	2963.26	800	3145.58	3333.33
900	2400.00	2574.49	900	2755.10	2941.84	900	3134.69	3333.67	900	3538.77	3750.00
1000	2666.67	2860.54	1000	3061.22	3268.71	1000	3482.99	3704.08	1000	3931.97	4166.67

Pos.	36 ins.	37 ins.	Pos.	38 ins.	39 ins.	Pos.	40 ins.	41 ins.	Pos.	42 ins.	43 ins.
1	4.41	4.66	1	4.91	5.17	1	5.44	5.72	1	6.00	6.29
2	8.82	9.31	2	9.82	10.35	2	10.88	11.44	2	12.00	12.58
3	13.22	13.97	3	14.73	15.52	3	16.33	17.15	3	18.00	18.87
4	17.63	18.63	4	19.65	20.69	4	21.77	22.87	4	24.00	25.16
5	22.04	23.28	5	24.56	25.87	5	27.21	28.59	5	30.00	31.45
6	26.45	27.94	6	29.47	31.04	6	32.65	34.31	6	36.00	37.73
7	30.86	32.60	7	34.38	36.21	7	38.10	40.02	7	42.00	44.02
8	35.27	37.25	8	39.29	41.39	8	43.54	45.74	8	48.00	50.31
9	39.67	41.91	9	44.20	46.56	9	48.98	51.46	9	54.00	56.60
10	44.08	46.56	10	49.12	51.73	10	54.42	57.18	10	60.00	62.89
20	88.16	93.13	20	98.23	103.47	20	108.84	114.35	20	120.00	125.78
30	132.24	139.69	30	147.35	155.20	30	163.27	171.53	30	180.00	188.67
40	176.33	186.26	40	196.46	206.94	40	217.69	228.71	40	240.00	251.66
50	220.41	232.82	50	245.58	258.67	50	272.11	285.89	50	300.00	314.46
60	264.49	279.39	60	294.69	310.41	60	326.53	343.06	60	360.00	377.35
70	308.57	325.95	70	343.81	362.14	70	380.95	400.24	70	420.00	440.24
80	352.65	372.52	80	392.93	413.88	80	435.37	457.41	80	480.00	503.13
90	396.73	419.08	90	442.04	465.61	90	489.80	514.59	90	540.00	566.02
100	440.82	465.65	100	491.16	517.35	100	544.22	571.77	100	600.00	628.91
200	881.63	931.29	200	982.31	1034.69	200	1088.44	1143.54	200	1200.00	1257.82
300	1322.45	1396.94	300	1473.47	1552.04	300	1632.65	1715.31	300	1800.00	1886.73
400	1763.26	1862.58	400	1964.62	2069.39	400	2176.87	2287.07	400	2400.00	2516.65
500	2204.08	2328.23	500	2455.78	2586.73	500	2721.09	2858.84	500	3000.00	3144.66
600	2644.90	2793.89	600	2946.94	3104.08	600	3265.31	3430.61	600	3600.00	3773.47
700	3085.71	3259.52	700	3438.09	3621.43	700	3809.52	4002.38	700	4200.00	4402.38
800	3526.53	3725.17	800	3929.25	4138.77	800	4353.74	4574.15	800	4800.00	5031.29
900	3967.35	4190.82	900	4420.41	4656.12	900	4897.96	5145.92	900	5400.00	5660.20
1000	4408.16	4656.46	1000	4911.56	5173.47	1000	5442.18	5717.69	1000	6000.00	6289.12

STANDARD OF 12 FEET BY 21 INCHES.

49

Logs 19 Feet long.

35 ins.	Pcs.	12 ins.	13 ins.	Pcs.	14 ins.	15 ins.	Pcs.	16 ins.	17 ins.	Pcs.	18 ins.	19 ins.
4.17	1	.52	.61	1	.70	.81	1	.92	1.04	1	1.16	1.30
8.33	2	1.03	1.21	2	1.41	1.62	2	1.84	2.08	2	2.33	2.59
12.50	3	1.55	1.82	3	2.11	2.42	3	2.76	3.11	3	3.49	3.89
16.67	4	2.07	2.43	4	2.81	3.23	4	3.68	4.15	4	4.65	5.18
20.83	5	2.59	3.03	5	3.52	4.04	5	4.60	5.19	5	5.82	6.48
25.00	6	3.10	3.64	6	4.22	4.85	6	5.51	6.23	6	6.98	7.78
29.17	7	3.62	4.25	7	4.93	5.65	7	6.43	7.26	7	8.14	9.07
33.33	8	4.14	4.85	8	5.63	6.46	8	7.35	8.30	8	9.31	10.37
37.50	9	4.65	5.46	9	6.33	7.27	9	8.27	9.34	9	10.47	11.66
41.67	10	5.17	6.07	10	7.04	8.08	10	9.19	10.38	10	11.63	12.96
83.33	20	10.34	12.14	20	14.07	16.16	20	18.38	20.75	20	23.27	25.92
125.00	30	15.51	18.20	30	21.11	24.23	30	27.57	31.13	30	34.90	38.88
166.67	40	20.68	24.27	40	28.15	32.31	40	36.76	41.50	40	46.53	51.84
208.33	50	25.85	30.34	50	35.19	40.39	50	45.96	51.88	50	58.16	64.81
250.00	60	31.02	36.41	60	42.22	48.47	60	55.15	62.26	60	69.80	77.77
291.67	70	36.19	42.47	70	49.26	56.55	70	64.34	72.63	70	81.43	90.73
333.33	80	41.36	48.54	80	56.30	64.63	80	73.53	83.01	80	93.06	103.69
375.00	90	46.53	54.61	90	63.33	72.70	90	82.72	93.38	90	104.69	116.65
416.67	100	51.70	60.68	100	70.37	80.78	100	91.91	103.76	100	116.33	129.61
833.33	200	103.40	121.35	200	140.74	161.56	200	183.82	207.52	200	232.65	259.22
1250.00	300	155.10	182.03	300	211.11	242.35	300	275.74	311.28	300	348.98	388.83
1666.67	400	206.80	242.71	400	281.48	323.13	400	367.65	415.04	400	465.31	518.44
2083.33	500	258.50	303.38	500	351.85	403.91	500	459.56	518.80	500	581.63	648.05
2500.00	600	310.20	364.06	600	422.22	484.70	600	551.47	622.56	600	697.96	777.66
2916.67	700	361.90	424.74	700	492.59	565.47	700	643.38	726.32	700	814.29	907.28
3333.33	800	413.61	485.42	800	562.96	646.26	800	735.30	830.08	800	930.61	1036.89
3750.00	900	465.31	546.09	900	633.33	727.04	900	827.21	933.84	900	1046.94	1166.50
4166.67	1000	517.01	606.76	1000	703.70	807.82	1000	919.12	1037.60	1000	1163.27	1296.11

43 ins.	Pcs.	20 ins.	21 ins.	Pcs.	22 ins.	23 ins.	Pcs.	24 ins.	25 ins.	Pcs.	26 ins.	27 ins.
6.29	1	1.44	1.58	1	1.74	1.90	1	2.07	2.24	1	2.43	2.62
12.58	2	2.87	3.17	2	3.48	3.80	2	4.14	4.49	2	4.85	5.23
18.87	3	4.31	4.75	3	5.21	5.70	3	6.20	6.73	3	7.28	7.86
25.16	4	5.74	6.33	4	6.95	7.60	4	8.27	8.98	4	9.71	10.47
31.45	5	7.18	7.92	5	8.69	9.50	5	10.34	11.22	5	12.14	13.09
37.73	6	8.62	9.50	6	10.43	11.40	6	12.41	13.46	6	14.56	15.70
44.02	7	10.05	11.08	7	12.16	13.29	7	14.48	15.71	7	16.99	18.32
50.31	8	11.49	12.67	8	13.90	15.19	8	16.54	17.95	8	19.42	20.94
56.60	9	12.93	14.25	9	15.64	17.09	9	18.61	20.20	9	21.84	23.56
62.89	10	14.36	15.83	10	17.38	18.99	10	20.68	22.44	10	24.27	26.17
125.78	20	28.72	31.67	20	34.75	37.99	20	41.36	44.88	20	48.54	52.35
188.67	30	43.08	47.50	30	52.13	56.98	30	62.04	67.32	30	72.81	78.52
251.56	40	57.45	63.33	40	69.51	75.97	40	82.72	89.76	40	97.08	104.69
314.46	50	71.81	79.17	50	86.89	94.96	50	103.40	112.20	50	121.35	130.87
377.35	60	86.17	95.00	60	104.26	113.96	60	124.08	134.64	60	145.62	157.04
440.24	70	100.53	110.83	70	121.64	132.95	70	144.76	157.08	70	169.89	183.21
503.13	80	114.89	126.67	80	139.02	151.94	80	165.44	179.52	80	194.16	209.39
566.02	90	129.25	142.50	90	156.39	170.94	90	186.12	201.96	90	218.44	235.56
628.91	100	143.61	158.33	100	173.77	189.93	100	206.80	224.40	100	242.71	261.73
691.80	200	287.23	316.67	200	347.54	379.86	200	413.61	448.79	200	485.41	523.47
754.69	300	430.84	475.00	300	521.32	569.78	300	620.41	673.19	300	728.12	785.20
817.58	400	574.45	633.33	400	695.09	759.71	400	827.21	897.58	400	970.82	1046.94
880.47	500	718.06	791.67	500	868.86	949.64	500	1034.01	1121.98	500	1213.53	1308.67
943.36	600	861.68	950.00	600	1042.63	1139.57	600	1240.82	1346.87	600	1456.24	1570.41
1006.25	700	1005.29	1108.33	700	1216.40	1329.50	700	1447.62	1570.77	700	1698.94	1832.14
1069.14	800	1148.90	1266.67	800	1390.17	1519.43	800	1654.42	1795.16	800	1941.65	2093.88
1132.03	900	1292.52	1425.00	900	1563.95	1709.35	900	1861.22	2019.56	900	2184.35	2355.61
1194.92	1000	1436.13	1583.33	1000	1737.72	1899.28	1000	2068.03	2243.95	1000	2427.06	2617.35

Logs 19 Feet long.

Pos.	28 ins.	29 ins.	Pos.	30 ins.	31 ins.	Pos.	32 ins.	33 ins.	Pos.	34 ins.	35 ins.
1	2.81	3.02	1	3.23	3.45	1	3.68	3.91	1	4.15	4.40
2	5.63	6.04	2	6.46	6.90	2	7.35	7.82	2	8.30	8.80
3	8.44	9.06	3	9.70	10.35	3	11.03	11.73	3	12.45	13.19
4	11.26	12.08	4	12.93	13.80	4	14.71	15.64	4	16.60	17.59
5	14.07	15.10	5	16.16	17.25	5	18.38	19.55	5	20.75	21.99
6	16.89	18.12	6	19.39	20.70	6	22.06	23.46	6	24.90	26.39
7	19.70	21.14	7	22.62	24.15	7	25.74	27.37	7	29.05	30.79
8	22.52	24.16	8	25.85	27.60	8	29.41	31.28	8	33.20	35.19
9	25.33	27.18	9	29.08	31.05	9	33.09	35.19	9	37.35	39.58
10	28.15	30.19	10	32.31	34.50	10	36.76	39.10	10	41.50	43.98
20	56.30	60.39	20	64.63	69.01	20	73.53	78.20	20	83.01	87.96
30	84.44	90.58	30	96.94	103.51	30	110.29	117.30	30	124.61	131.94
40	112.59	120.78	40	129.25	138.01	40	147.06	156.39	40	166.02	175.93
50	140.74	150.97	50	161.56	172.52	50	183.82	195.49	50	207.52	219.91
60	168.89	181.17	60	193.88	207.02	60	220.59	234.59	60	249.02	263.89
70	197.04	211.36	70	226.19	241.52	70	257.35	273.69	70	290.53	307.87
80	225.19	241.56	80	258.50	276.02	80	294.12	312.79	80	332.03	351.85
90	253.33	271.75	90	290.82	310.53	90	330.88	351.89	90	373.54	395.83
100	281.48	301.95	100	323.13	345.03	100	367.65	390.99	100	415.04	439.81
200	562.96	603.89	200	646.26	690.06	200	735.30	781.97	200	830.08	879.63
300	844.44	905.84	300	969.39	1035.09	300	1102.95	1172.96	300	1245.12	1319.44
400	1125.92	1207.79	400	1292.52	1380.12	400	1470.60	1563.95	400	1660.17	1759.26
500	1407.41	1509.73	500	1615.65	1725.15	500	1838.25	1954.93	500	2075.21	2199.07
600	1688.89	1811.68	600	1938.78	2070.18	600	2205.90	2345.92	600	2490.25	2638.89
700	1970.37	2113.62	700	2261.90	2415.21	700	2573.54	2736.90	700	2905.29	3078.70
800	2251.85	2415.57	800	2585.03	2760.24	800	2941.19	3127.89	800	3320.33	3518.52
900	2533.33	2717.52	900	2908.16	3105.27	900	3308.84	3518.88	900	3735.37	3958.33
1000	2814.81	3019.46	1000	3231.29	3450.30	1000	3676.49	3909.86	1000	4150.42	4398.15

Pos.	36 ins.	37 ins.	Pos.	38 ins.	39 ins.	Pos.	40 ins.	41 ins.	Pos.	42 ins.	43 ins.
1	4.65	4.92	1	5.18	5.46	1	5.74	6.04	1	6.33	6.64
2	9.31	9.83	2	10.37	10.92	2	11.49	12.07	2	12.67	13.28
3	13.96	14.75	3	15.55	16.38	3	17.23	18.11	3	19.00	19.92
4	18.61	19.66	4	20.74	21.84	4	22.98	24.14	4	25.33	26.55
5	23.27	24.58	5	25.92	27.30	5	28.72	30.18	5	31.67	33.19
6	27.92	29.49	6	31.11	32.77	6	34.47	36.21	6	38.00	39.83
7	32.57	34.41	7	36.29	38.23	7	40.21	42.25	7	44.33	46.47
8	37.22	39.32	8	41.48	43.69	8	45.96	48.28	8	50.67	53.11
9	41.88	44.24	9	46.66	49.15	9	51.70	54.32	9	57.00	59.75
10	46.53	49.15	10	51.84	54.61	10	57.45	60.35	10	63.33	66.39
20	93.06	98.30	20	103.69	109.22	20	114.89	120.71	20	126.67	132.77
30	139.59	147.45	30	155.53	163.83	30	172.34	181.06	30	190.00	199.16
40	186.12	196.61	40	207.38	218.44	40	229.78	241.41	40	253.33	265.54
50	232.65	245.76	50	259.22	273.04	50	287.23	301.77	50	316.67	331.93
60	279.18	294.91	60	311.07	327.65	60	344.67	362.12	60	380.00	398.31
70	325.71	344.06	70	362.91	382.26	70	402.12	422.47	70	443.33	464.70
80	372.24	393.21	80	414.75	436.87	80	450.56	482.83	80	506.67	531.08
90	418.78	442.36	90	466.60	491.48	90	517.01	543.18	90	570.00	597.47
100	465.31	491.52	100	518.44	546.09	100	574.45	603.53	100	633.33	663.85
200	930.61	983.03	200	1036.89	1092.18	200	1148.90	1207.07	200	1266.67	1327.70
300	1395.92	1474.55	300	1555.33	1638.26	300	1723.36	1810.60	300	1900.00	1991.55
400	1861.22	1966.06	400	2073.77	2184.35	400	2297.81	2414.13	400	2533.33	2655.40
500	2326.53	2457.58	500	2592.21	2730.44	500	2872.26	3017.07	500	3166.67	3319.26
600	2791.84	2949.09	600	3110.66	3276.53	600	3446.71	3621.20	600	3800.00	3983.11
700	3257.14	3440.61	700	3629.10	3822.62	700	4021.16	4224.73	700	4433.33	4646.96
800	3722.45	3932.12	800	4147.54	4368.71	800	4595.62	4828.27	800	5066.67	5310.81
900	4187.75	4423.64	900	4665.99	4914.79	900	5170.07	5431.80	900	5700.00	5974.66
1000	4653.06	4915.15	1000	5184.43	5460.88	1000	5744.52	6035.34	1000	6333.33	6638.51

STANDARD OF 12 FEET BY 21 INCHES.

51

Logs 20 Feet long.

35 ins.	Pcs.	12 ins.	13 ins.	Pcs.	14 ins.	15 ins.	Pcs.	16 ins.	17 ins.	Pcs.	18 ins.	19 ins.
4.40	1	.54	.64	1	.74	.85	1	.97	1.09	1	1.22	1.36
8.80	2	1.09	1.28	2	1.48	1.70	2	1.93	2.18	2	2.45	2.73
13.19	3	1.63	1.92	3	2.22	2.55	3	2.90	3.28	3	3.67	4.09
17.59	4	2.18	2.55	4	2.96	3.40	4	3.87	4.37	4	4.90	5.46
21.99	5	2.72	3.19	5	3.70	4.25	5	4.84	5.46	5	6.12	6.82
26.39	6	3.27	3.83	6	4.44	5.10	6	5.80	6.55	6	7.35	8.19
30.79	7	3.81	4.47	7	5.19	5.95	7	6.77	7.65	7	8.57	9.55
35.19	8	4.35	5.11	8	5.93	6.80	8	7.74	8.74	8	9.80	10.91
39.58	9	4.90	5.75	9	6.67	7.65	9	8.71	9.83	9	11.02	12.28
43.98	10	5.44	6.39	10	7.41	8.50	10	9.67	10.92	10	12.24	13.64
87.96	20	10.88	12.77	20	14.81	17.01	20	19.35	21.84	20	24.49	27.29
131.94	30	16.33	19.16	30	22.22	25.51	30	29.02	32.77	30	36.73	40.93
175.93	40	21.77	25.55	40	29.63	34.01	40	38.70	43.69	40	48.98	54.57
219.91	50	27.21	31.93	50	37.04	42.52	50	48.37	54.61	50	61.22	68.22
263.89	60	32.65	38.32	60	44.44	51.02	60	58.05	65.53	60	73.47	81.86
307.87	70	38.10	44.71	70	51.85	59.52	70	67.72	76.46	70	85.71	95.50
351.85	80	43.54	51.10	80	59.26	68.03	80	77.40	87.38	80	97.96	109.15
395.83	90	48.98	57.48	90	66.67	76.53	90	87.07	98.30	90	110.20	122.79
439.81	100	54.42	63.87	100	74.07	85.03	100	96.75	109.22	100	122.45	136.43
879.63	200	108.84	127.74	200	148.15	170.07	200	193.50	218.44	200	244.90	272.86
1319.44	300	163.27	191.61	300	222.22	255.10	300	290.25	327.66	300	367.35	409.30
1759.26	400	217.69	255.48	400	296.30	340.14	400	387.00	436.89	400	489.80	545.73
2199.07	500	272.11	319.35	500	370.37	425.17	500	483.75	546.11	500	612.24	682.16
2638.89	600	326.53	383.22	600	444.44	510.20	600	580.50	655.33	600	734.69	818.59
3078.70	700	380.95	447.10	700	518.52	595.23	700	677.25	764.55	700	857.14	955.03
3518.52	800	435.37	511.02	800	592.59	680.27	800	774.00	873.77	800	979.59	1091.46
3958.33	900	489.80	574.80	900	666.67	765.31	900	870.75	982.99	900	1102.04	1227.89
4398.15	1000	544.22	638.70	1000	740.74	850.34	1000	967.50	1092.21	1000	1224.49	1364.32

43 ins.	Pcs.	20 ins.	21 ins.	Pcs.	22 ins.	23 ins.	Pcs.	24 ins.	25 ins.	Pcs.	26 ins.	27 ins.
6.64	1	1.51	1.67	1	1.83	2.00	1	2.18	2.36	1	2.55	2.76
13.28	2	3.02	3.33	2	3.66	4.00	2	4.35	4.72	2	5.11	5.51
19.92	3	4.54	5.00	3	5.49	6.00	3	6.53	7.09	3	7.66	8.27
26.55	4	6.05	6.67	4	7.32	8.00	4	8.71	9.45	4	10.22	11.02
33.19	5	7.56	8.33	5	9.15	10.00	5	10.88	11.81	5	12.77	13.78
39.83	6	9.07	10.00	6	10.98	12.00	6	13.06	14.17	6	15.33	16.53
46.47	7	10.58	11.67	7	12.80	13.99	7	15.24	16.53	7	17.88	19.29
53.11	8	12.09	13.33	8	14.63	15.99	8	17.41	18.90	8	20.44	22.04
59.75	9	13.61	15.00	9	16.46	17.99	9	19.59	21.26	9	22.99	24.80
66.39	10	15.12	16.67	10	18.29	19.99	10	21.77	23.62	10	25.55	27.55
132.77	20	30.23	33.33	20	36.58	39.98	20	43.54	47.24	20	51.10	55.10
199.16	30	45.35	50.00	30	54.88	59.98	30	65.31	70.86	30	76.64	82.65
265.54	40	60.47	66.67	40	73.17	79.97	40	87.07	94.48	40	102.19	110.20
331.93	50	75.59	83.33	50	91.46	99.96	50	108.84	118.10	50	127.74	137.76
398.31	60	90.70	100.00	60	109.75	119.95	60	130.61	141.72	60	153.29	165.31
464.70	70	105.82	116.67	70	128.04	139.95	70	152.38	165.34	70	178.84	192.86
531.08	80	120.94	133.33	80	146.33	159.94	80	174.15	188.96	80	204.38	220.41
597.47	90	136.05	150.00	90	164.63	179.93	90	195.92	212.59	90	229.93	247.96
663.85	100	151.17	166.67	100	182.92	199.92	100	217.69	236.21	100	255.48	275.51
1327.70	200	302.34	333.33	200	365.84	399.85	200	435.37	472.41	200	510.96	551.02
1991.55	300	453.51	500.00	300	548.75	599.77	300	653.06	708.62	300	766.44	826.53
2655.40	400	604.69	666.67	400	731.67	799.70	400	870.75	944.82	400	1021.92	1102.04
3319.26	500	755.86	833.33	500	914.59	999.62	500	1088.44	1181.03	500	1277.40	1377.55
3983.11	600	907.03	1000.00	600	1097.51	1199.55	600	1306.12	1417.23	600	1532.88	1653.06
4646.96	700	1058.20	1166.67	700	1280.42	1399.47	700	1523.81	1653.43	700	1788.36	1928.57
5310.81	800	1209.37	1333.33	800	1463.34	1599.39	800	1741.50	1889.64	800	2043.84	2204.08
5974.66	900	1360.54	1500.00	900	1646.26	1799.32	900	1959.18	2125.85	900	2299.32	2479.59
6638.51	1000	1511.71	1666.67	1000	1829.18	1999.24	1000	2176.87	2362.06	1000	2554.80	2755.10

Logs 20 Feet long.

Pcs.	28 ins.	29 ins.	Pcs.	30 ins.	31 ins.	Pcs.	32 ins.	33 ins.	Pcs.	34 ins.	35 ins.
1	2.96	3.18	1	3.40	3.63	1	3.87	4.12	1	4.37	4.63
2	5.93	6.36	2	6.80	7.26	2	7.74	8.23	2	8.74	9.26
3	8.89	9.54	3	10.20	10.90	3	11.61	12.35	3	13.11	13.89
4	11.85	12.71	4	13.61	14.53	4	15.48	16.46	4	17.48	18.52
5	14.81	15.89	5	17.01	18.16	5	19.35	20.58	5	21.84	23.15
6	17.78	19.07	6	20.41	21.79	6	23.22	24.69	6	26.21	27.78
7	20.74	22.25	7	23.81	25.42	7	27.09	28.81	7	30.58	32.41
8	23.70	25.43	8	27.21	29.06	8	30.96	32.93	8	34.95	37.04
9	26.67	28.61	9	30.61	32.69	9	34.83	37.04	9	39.32	41.67
10	29.63	31.78	10	34.01	36.32	10	38.70	41.16	10	43.69	46.30
20	59.26	63.57	20	68.03	72.64	20	77.40	82.31	20	87.38	92.59
30	88.89	95.35	30	102.04	108.96	30	116.10	123.47	30	131.07	138.89
40	118.52	127.14	40	136.05	145.28	40	154.80	164.63	40	174.75	185.19
50	148.15	158.92	50	170.07	181.59	50	193.50	205.78	50	218.44	231.48
60	177.78	190.70	60	204.08	217.91	60	232.20	246.04	60	262.13	277.78
70	207.41	222.49	70	238.10	254.23	70	270.90	288.10	70	305.82	324.07
80	237.04	254.27	80	272.11	290.55	80	309.60	329.25	80	349.51	370.37
90	266.67	286.05	90	306.12	326.87	90	348.30	370.41	90	393.20	416.67
100	296.30	317.84	100	340.14	363.19	100	387.00	411.56	100	436.89	462.96
200	592.59	635.67	200	680.27	726.38	200	774.00	823.13	200	873.77	925.93
300	888.89	953.51	300	1020.41	1089.57	300	1161.00	1234.69	300	1310.66	1388.89
400	1185.18	1271.35	400	1360.54	1452.76	400	1548.00	1646.26	400	1747.54	1851.85
500	1481.48	1589.19	500	1700.68	1815.95	500	1935.00	2057.82	500	2184.43	2314.81
600	1777.78	1907.03	600	2040.82	2179.14	600	2322.00	2469.39	600	2621.32	2777.78
700	2074.07	2224.87	700	2380.95	2542.33	700	2708.99	2880.95	700	3058.20	3240.74
800	2370.37	2542.71	800	2721.09	2905.52	800	3095.99	3292.52	800	3495.09	3703.70
900	2666.67	2860.54	900	3061.22	3268.71	900	3482.99	3704.08	900	3931.97	4166.67
1000	2962.96	3178.38	1000	3401.36	3631.90	1000	3869.99	4115.65	1000	4368.86	4629.63

Pcs.	36 ins.	37 ins.	Pcs.	38 ins.	39 ins.	Pcs.	40 ins.	41 ins.	Pcs.	42 ins.	43 ins.
1	4.90	5.17	1	5.46	5.75	1	6.05	6.35	1	6.67	6.99
2	9.80	10.35	2	10.91	11.50	2	12.09	12.71	2	13.33	13.98
3	14.69	15.52	3	16.37	17.24	3	18.14	19.06	3	20.00	20.96
4	19.59	20.70	4	21.83	22.99	4	24.19	25.41	4	26.67	27.95
5	24.49	25.87	5	27.29	28.74	5	30.23	31.76	5	33.33	34.94
6	29.39	31.04	6	32.74	34.49	6	36.28	38.12	6	40.00	41.93
7	34.29	36.22	7	38.20	40.24	7	42.33	44.47	7	46.67	48.92
8	39.18	41.39	8	43.66	45.99	8	48.37	50.82	8	53.33	55.90
9	44.08	46.56	9	49.12	51.73	9	54.42	57.18	9	60.00	62.89
10	48.98	51.74	10	54.57	57.48	10	60.47	63.53	10	66.67	69.88
20	97.96	103.48	20	109.15	114.97	20	120.94	127.06	20	133.33	139.76
30	146.94	155.22	30	163.72	172.45	30	181.41	190.50	30	200.00	209.64
40	195.92	206.95	40	218.29	229.93	40	241.87	254.12	40	266.67	279.52
50	244.90	258.69	50	272.86	287.41	50	302.34	317.65	50	333.33	349.40
60	293.88	310.43	60	327.44	344.90	60	362.81	381.18	60	400.00	419.27
70	342.86	362.17	70	382.01	402.38	70	423.28	444.71	70	466.67	489.15
80	391.84	413.91	80	436.58	459.86	80	483.75	508.24	80	533.33	559.03
90	440.82	465.65	90	491.16	517.35	90	544.22	571.77	90	600.00	628.91
100	489.80	517.38	100	545.73	574.83	100	604.69	635.30	100	666.67	698.79
200	979.59	1034.77	200	1091.46	1149.66	200	1209.37	1270.60	200	1333.33	1397.58
300	1469.39	1552.15	300	1637.19	1724.49	300	1814.06	1905.90	300	2000.00	2096.87
400	1959.18	2069.54	400	2182.92	2299.32	400	2418.75	2541.10	400	2666.67	2795.16
500	2448.98	2586.92	500	2728.65	2874.15	500	3023.43	3176.49	500	3333.33	3493.95
600	2938.77	3104.31	600	3274.38	3448.98	600	3628.12	3811.79	600	4000.00	4192.74
700	3428.57	3621.69	700	3820.11	4023.81	700	4232.80	4447.09	700	4666.67	4891.53
800	3918.37	4139.08	800	4365.83	4598.64	800	4837.49	5082.39	800	5333.33	5596.33
900	4408.16	4656.46	900	4911.56	5173.47	900	5442.18	5717.69	900	6000.00	6289.12
1000	4897.96	5173.85	1000	5457.29	5748.30	1000	6046.86	6352.99	1000	6666.67	6987.91

STANDARD OF 12 FEET BY 21 INCHES.

53

Logs 21 Feet long.

35 ins.	Pcs.	12 ins.	13 ins.	Pcs.	14 ins.	15 ins.	Pcs.	16 ins.	17 ins.	Pcs.	18 ins.	19 ins.
4.63	1	.57	.67	1	.78	.89	1	1.02	1.15	1	1.29	1.43
9.26	2	1.14	1.34	2	1.56	1.79	2	2.03	2.29	2	2.57	2.87
13.89	3	1.71	2.01	3	2.33	2.68	3	3.05	3.44	3	3.86	4.30
18.52	4	2.29	2.68	4	3.11	3.57	4	4.06	4.59	4	5.14	5.73
23.15	5	2.86	3.35	5	3.89	4.46	5	5.08	5.73	5	6.43	7.16
27.78	6	3.43	4.02	6	4.67	5.36	6	6.10	6.88	6	7.71	8.60
32.41	7	4.00	4.69	7	5.44	6.25	7	7.11	8.03	7	9.00	10.03
37.04	8	4.57	5.37	8	6.22	7.14	8	8.13	9.17	8	10.29	11.46
41.67	9	5.14	6.04	9	7.00	8.04	9	9.14	10.32	9	11.57	12.89
46.30	10	5.71	6.71	10	7.78	8.93	10	10.16	11.47	10	12.86	14.33
92.59	20	11.43	13.41	20	15.56	17.86	20	20.32	22.94	20	25.71	28.65
138.89	30	17.14	20.12	30	23.33	26.79	30	30.48	34.40	30	38.57	42.98
185.19	40	22.86	26.83	40	31.11	35.71	40	40.63	45.87	40	51.43	57.30
231.48	50	28.57	33.53	50	38.89	44.64	50	50.79	57.34	50	64.29	71.63
277.78	60	34.29	40.24	60	46.67	53.57	60	60.95	68.81	60	77.14	85.95
324.07	70	40.00	46.94	70	54.44	62.50	70	71.11	80.28	70	90.00	100.28
370.37	80	45.71	53.65	80	62.22	71.43	80	81.27	91.75	80	102.86	114.60
416.67	90	51.43	60.36	90	70.00	80.36	90	91.43	103.21	90	115.71	128.93
462.96	100	57.14	67.06	100	77.78	89.29	100	101.59	114.68	100	128.57	143.25
925.93	200	114.28	134.13	200	155.56	178.57	200	203.18	229.37	200	257.14	286.51
1388.89	300	171.43	201.19	300	233.33	267.86	300	304.76	344.05	300	385.71	429.76
1851.85	400	228.57	268.25	400	311.11	357.14	400	406.35	458.73	400	514.29	573.02
2314.81	500	285.71	335.32	500	388.89	446.43	500	507.93	573.41	500	642.86	716.27
2777.78	600	342.86	402.38	600	466.67	535.71	600	609.52	688.10	600	771.43	859.52
3240.74	700	400.00	469.44	700	544.44	625.00	700	711.11	802.78	700	900.00	1002.78
3703.70	800	457.14	536.51	800	622.22	714.29	800	812.70	917.46	800	1028.57	1146.03
4166.67	900	514.29	603.57	900	700.00	803.57	900	914.29	1032.15	900	1157.14	1289.29
4629.63	1000	571.43	670.63	1000	777.78	892.86	1000	1015.87	1146.83	1000	1285.71	1432.54

43 ins.	Pcs.	20 ins.	21 ins.	Pcs.	22 ins.	23 ins.	Pcs.	24 ins.	25 ins.	Pcs.	26 ins.	27 ins.
6.99	1	1.59	1.75	1	1.92	2.10	1	2.29	2.48	1	2.68	2.89
13.98	2	3.17	3.50	2	3.84	4.20	2	4.57	4.96	2	5.37	5.79
20.96	3	4.76	5.25	3	5.76	6.30	3	6.86	7.44	3	8.05	8.68
27.95	4	6.35	7.00	4	7.68	8.40	4	9.14	9.92	4	10.73	11.57
34.94	5	7.94	8.75	5	9.60	10.50	5	11.43	12.40	5	13.41	14.46
41.93	6	9.52	10.50	6	11.52	12.60	6	13.71	14.88	6	16.10	17.36
48.92	7	11.11	12.25	7	13.44	14.69	7	16.00	17.36	7	18.78	20.25
55.90	8	12.70	14.00	8	15.37	16.79	8	18.29	19.84	8	21.46	23.14
62.89	9	14.29	15.75	9	17.29	18.89	9	20.57	22.32	9	24.14	26.04
69.88	10	15.87	17.50	10	19.21	20.99	10	22.86	24.80	10	26.83	28.93
139.76	20	31.75	35.00	20	38.41	41.98	20	45.71	49.60	20	53.65	57.86
209.64	30	47.62	52.50	30	57.62	62.98	30	68.57	74.40	30	80.48	86.79
279.52	40	63.49	70.00	40	76.83	83.97	40	91.43	99.21	40	107.30	115.71
349.40	50	79.37	87.50	50	96.03	104.96	50	114.29	124.01	50	134.13	144.64
419.27	60	95.24	105.00	60	115.24	125.95	60	137.14	148.81	60	160.95	173.57
489.15	70	111.11	122.50	70	134.44	146.94	70	160.00	173.61	70	187.78	202.50
559.03	80	128.98	140.00	80	153.65	167.94	80	182.86	198.41	80	214.60	231.43
628.91	90	142.86	157.50	90	172.86	188.93	90	205.71	223.21	90	241.43	260.36
698.79	100	158.73	175.00	100	192.06	209.92	100	228.57	248.02	100	268.25	289.29
1397.58	200	317.46	350.00	200	384.13	419.84	200	457.14	496.03	200	536.51	578.57
2096.87	300	478.19	525.00	300	576.19	629.76	300	685.71	744.05	300	804.76	867.86
2795.16	400	634.02	700.00	400	768.25	839.68	400	914.29	992.06	400	1073.02	1157.14
3493.95	500	793.65	875.00	500	960.32	1049.60	500	1142.86	1240.08	500	1341.27	1446.43
4192.74	600	952.38	1050.00	600	1152.38	1259.52	600	1371.43	1488.10	600	1609.52	1735.71
4891.53	700	1111.11	1225.00	700	1344.44	1469.44	700	1600.00	1736.11	700	1877.78	2025.00
5590.33	800	1289.84	1400.00	800	1536.50	1679.36	800	1828.57	1984.13	800	2146.03	2314.29
6289.12	900	1428.57	1575.00	900	1728.57	1889.29	900	2057.14	2232.14	900	2414.29	2603.57
6987.91	1000	1587.30	1750.00	1000	1920.63	2099.21	1000	2285.71	2480.16	1000	2682.54	2892.89

Logs 21 Feet long.

Pcs.	28 ins.	29 ins.	Pcs.	30 ins.	31 ins.	Pcs.	32 ins.	33 ins.	Pcs.	34 ins.	35 ins.
1	3.11	3.34	1	3.57	3.81	1	4.06	4.32	1	4.59	4.86
2	6.22	6.67	2	7.14	7.63	2	8.13	8.64	2	9.17	9.72
3	9.33	10.01	3	10.71	11.44	3	12.19	12.96	3	13.76	14.58
4	12.44	13.35	4	14.29	15.25	4	16.25	17.29	4	18.35	19.44
5	15.56	16.69	5	17.86	19.07	5	20.32	21.61	5	22.94	24.31
6	18.67	20.02	6	21.43	22.88	6	24.38	25.93	6	27.52	29.17
7	21.78	23.36	7	25.00	26.69	7	28.44	30.25	7	32.11	34.03
8	24.89	26.70	8	28.57	30.51	8	32.51	34.57	8	36.70	38.89
9	28.00	30.04	9	32.14	34.32	9	36.57	38.89	9	41.29	43.75
10	31.11	33.37	10	35.71	38.13	10	40.63	43.21	10	45.87	48.61
20	62.22	66.75	20	71.43	76.27	20	81.27	86.43	20	91.75	97.22
30	93.33	100.12	30	107.14	114.40	30	121.90	129.64	30	137.62	145.83
40	124.44	133.49	40	142.86	152.54	40	162.54	172.86	40	183.49	194.44
50	155.56	166.87	50	178.57	190.67	50	203.17	216.07	50	229.37	243.06
60	186.67	200.24	60	214.29	228.81	60	243.81	259.29	60	275.24	291.67
70	217.78	233.61	70	250.00	266.94	70	284.44	302.50	70	321.11	340.28
80	248.89	266.98	80	285.71	305.08	80	325.08	345.71	80	366.98	388.89
90	280.00	300.36	90	321.43	343.21	90	365.71	388.93	90	412.86	437.50
100	311.11	333.73	100	357.14	381.35	100	406.35	432.14	100	458.73	486.11
200	622.22	667.46	200	714.29	762.70	200	812.70	864.29	200	917.46	972.22
300	933.33	1001.19	300	1071.43	1144.05	300	1219.05	1296.43	300	1376.19	1458.33
400	1244.44	1334.92	400	1428.57	1525.40	400	1625.40	1728.57	400	1834.92	1944.44
500	1555.56	1668.65	500	1785.71	1906.75	500	2031.75	2160.71	500	2293.65	2430.56
600	1866.67	2002.38	600	2142.86	2288.09	600	2438.09	2592.86	600	2752.38	2916.67
700	2177.78	2336.11	700	2500.00	2669.44	700	2844.44	3025.00	700	3211.11	3402.78
800	2488.89	2669.84	800	2857.14	3050.79	800	3250.79	3457.14	800	3669.84	3888.89
900	2800.00	3003.57	900	3214.29	3432.14	900	3657.14	3889.29	900	4128.57	4375.00
1000	3111.11	3337.30	1000	3571.43	3813.49	1000	4063.49	4321.43	1000	4587.30	4861.11

Pcs.	36 ins.	37 ins.	Pcs.	38 ins.	39 ins.	Pcs.	40 ins.	41 ins.	Pcs.	42 ins.	43 ins.
1	5.14	5.43	1	5.73	6.04	1	6.35	6.67	1	7.00	7.34
2	10.29	10.87	2	11.46	12.07	2	12.70	13.34	2	14.00	14.67
3	15.43	16.30	3	17.19	18.11	3	19.05	20.01	3	21.00	22.01
4	20.57	21.73	4	22.92	24.14	4	25.40	26.68	4	28.00	29.35
5	25.71	27.16	5	28.65	30.18	5	31.75	33.35	5	35.00	36.69
6	30.86	32.60	6	34.38	36.21	6	38.10	40.02	6	42.00	44.02
7	36.00	38.03	7	40.11	42.25	7	44.44	46.69	7	49.00	51.36
8	41.14	43.46	8	45.84	48.29	8	50.79	53.37	8	56.00	58.70
9	46.29	48.89	9	51.57	54.32	9	57.14	60.04	9	63.00	66.04
10	51.43	54.33	10	57.30	60.36	10	63.49	66.71	10	70.00	73.37
20	102.86	108.65	20	114.60	120.71	20	126.98	133.41	20	140.00	146.75
30	154.29	162.98	30	171.90	181.07	30	190.48	200.12	30	210.00	220.12
40	205.71	217.30	40	229.21	241.43	40	253.97	266.83	40	280.00	293.49
50	257.14	271.63	50	286.51	301.79	50	317.46	333.53	50	350.00	366.87
60	308.57	325.95	60	343.81	362.14	60	380.95	400.24	60	420.00	440.24
70	360.00	380.28	70	401.11	422.50	70	444.44	466.94	70	490.00	513.61
80	411.43	434.60	80	458.41	482.86	80	507.94	533.65	80	560.00	586.98
90	462.86	488.93	90	515.71	543.21	90	571.43	600.36	90	630.00	660.36
100	514.29	543.25	100	573.02	603.57	100	634.92	667.06	100	700.00	733.73
200	1028.57	1086.51	200	1146.03	1207.14	200	1269.84	1334.13	200	1400.00	1467.46
300	1542.86	1629.76	300	1719.05	1810.71	300	1904.76	2001.19	300	2100.00	2201.19
400	2057.14	2173.02	400	2292.06	2414.28	400	2539.68	2668.25	400	2800.00	2934.92
500	2571.43	2716.27	500	2865.08	3017.86	500	3174.60	3335.32	500	3500.00	3668.65
600	3085.71	3259.52	600	3438.09	3621.43	600	3809.52	4002.38	600	4200.00	4402.38
700	3600.00	3802.78	700	4011.11	4225.00	700	4444.44	4669.44	700	4900.00	5136.11
800	4114.29	4346.03	800	4584.13	4828.57	800	5079.37	5336.51	800	5600.00	5869.84
900	4628.57	4889.29	900	5157.14	5432.14	900	5714.29	6003.57	900	6300.00	6603.57
1000	5142.86	5432.54	1000	5730.16	6035.71	1000	6349.21	6670.63	1000	7000.00	7337.30

STANDARD OF 12 FEET BY 21 INCHES.

55

Logs 22 Feet long.

35 ins.	Pcs.	12 ins.	1 ins.	Pcs.	14 ins.	15 ins.	Pcs.	16 ins.	17 ins.	Pcs.	18 ins.	19 ins.
4.86	1	.60	.70	1	.81	.94	1	1.06	1.20	1	1.35	1.50
9.72	2	1.20	1.41	2	1.63	1.87	2	2.13	2.40	2	2.69	3.00
14.58	3	1.80	2.11	3	2.44	2.81	3	3.19	3.60	3	4.04	4.50
19.44	4	2.39	2.81	4	3.26	3.74	4	4.26	4.81	4	5.39	6.00
24.31	5	2.99	3.51	5	4.07	4.68	5	5.32	6.01	5	6.73	7.50
29.17	6	3.59	4.22	6	4.89	5.61	6	6.39	7.21	6	8.08	9.00
34.03	7	4.19	4.92	7	5.70	6.55	7	7.45	8.41	7	9.43	10.51
38.89	8	4.79	5.62	8	6.52	7.48	8	8.51	9.61	8	10.78	12.01
43.75	9	5.39	6.32	9	7.33	8.42	9	9.58	10.81	9	12.12	13.51
48.61	10	5.99	7.03	10	8.15	9.35	10	10.64	12.01	10	13.47	15.01
97.22	20	11.97	14.05	20	16.30	18.71	20	21.28	24.03	20	26.94	30.02
145.83	30	17.96	21.08	30	24.44	28.06	30	31.93	36.04	30	40.41	45.02
194.44	40	23.95	28.10	40	32.50	37.15	40	42.57	48.06	40	53.88	60.03
243.06	50	29.93	35.13	50	40.71	46.71	50	53.21	60.07	50	67.35	75.04
291.67	60	35.92	42.15	60	48.89	56.12	60	63.85	72.09	60	80.82	90.05
340.28	70	41.90	49.18	70	57.04	65.48	70	74.50	84.10	70	94.29	105.05
388.89	80	47.89	56.21	80	65.18	74.83	80	85.14	96.12	80	107.76	120.06
437.50	90	53.88	63.23	90	73.33	84.18	90	95.78	108.13	90	121.22	135.07
486.11	100	59.86	70.26	100	81.48	93.54	100	106.42	120.14	100	134.69	150.08
972.22	200	119.73	140.51	200	162.96	187.07	200	212.85	240.29	200	269.39	300.15
1458.33	300	179.59	210.77	300	244.44	280.61	300	319.27	360.43	300	404.08	450.23
1944.44	400	239.46	281.03	400	325.93	374.15	400	425.70	480.57	400	538.78	600.30
2430.56	500	299.32	351.28	500	407.41	467.69	500	532.12	600.72	500	673.47	750.38
2916.67	600	359.18	421.54	600	488.89	561.22	600	638.55	720.86	600	808.16	900.45
3402.78	700	419.05	491.80	700	570.37	654.76	700	744.97	841.01	700	942.86	1050.53
3888.89	800	478.91	562.06	800	651.85	748.30	800	851.40	961.15	800	1077.55	1200.60
4375.00	900	538.78	632.31	900	733.33	841.83	900	957.82	1081.29	900	1212.25	1350.68
4861.11	1000	598.64	702.57	1000	814.81	935.37	1000	1064.25	1201.44	1000	1346.94	1500.76

43 ins.	Pcs.	20 ins.	21 ins.	Pcs.	22 ins.	23 ins.	Pcs.	24 ins.	25 ins.	Pcs.	26 ins.	27 ins.
7.34	1	1.66	1.83	1	2.01	2.20	1	2.39	2.60	1	2.81	3.03
14.67	2	3.33	3.67	2	4.02	4.40	2	4.79	5.20	2	5.62	6.06
22.01	3	4.99	5.50	3	6.04	6.60	3	7.18	7.79	3	8.43	9.09
29.35	4	6.65	7.33	4	8.05	8.80	4	9.58	10.39	4	11.24	12.12
36.69	5	8.31	9.17	5	10.06	11.00	5	11.97	12.99	5	14.05	15.15
44.02	6	9.98	11.00	6	12.07	13.20	6	14.37	15.59	6	16.86	18.18
51.36	7	11.64	12.83	7	14.08	15.39	7	16.76	18.19	7	19.67	21.21
58.70	8	13.30	14.67	8	16.10	17.59	8	19.16	20.79	8	22.48	24.24
66.04	9	14.97	16.50	9	18.11	19.79	9	21.55	23.38	9	25.29	27.28
73.37	10	16.63	18.33	10	20.12	21.99	10	23.95	25.98	10	28.10	30.31
146.75	20	33.26	36.67	20	40.24	43.98	20	47.89	51.97	20	56.21	60.61
220.12	30	49.89	55.00	30	60.36	65.98	30	71.84	77.95	30	84.31	90.92
293.49	40	66.52	73.33	40	80.48	87.97	40	95.78	103.93	40	112.41	121.22
366.87	50	83.14	91.67	50	100.60	109.96	50	119.73	129.91	50	140.51	151.53
440.24	60	99.77	110.00	60	120.73	131.95	60	143.67	155.90	60	168.62	181.84
513.61	70	116.40	128.33	70	140.85	153.94	70	167.62	181.88	70	196.72	212.14
586.98	80	133.03	146.67	80	160.97	175.93	80	191.56	207.86	80	224.82	242.45
660.36	90	149.66	165.00	90	181.09	197.93	90	215.51	233.84	90	252.93	272.75
733.73	100	166.29	183.33	100	201.21	219.92	100	239.46	259.83	100	281.03	303.06
807.10	200	332.58	366.67	200	402.42	439.83	200	478.91	519.65	200	562.06	606.12
880.47	300	498.87	550.00	300	603.63	659.75	300	718.37	779.48	300	843.08	909.18
953.84	400	665.15	733.33	400	804.84	879.67	400	957.82	1039.30	400	1124.11	1212.24
1028.21	500	831.44	916.67	500	1006.05	1099.58	500	1197.28	1299.13	500	1405.14	1515.30
1402.38	600	997.73	1100.00	600	1207.26	1319.50	600	1436.73	1558.96	600	1686.17	1818.37
136.11	700	1164.02	1283.33	700	1408.47	1539.42	700	1676.19	1818.78	700	1967.20	2121.43
869.84	800	1330.31	1466.67	800	1609.68	1759.33	800	1915.65	2078.61	800	2248.22	2424.49
603.57	900	1496.60	1650.00	900	1810.88	1979.25	900	2155.10	2338.43	900	2529.25	2727.55
337.30	1000	1662.89	1833.33	1000	2012.09	2199.17	1000	2394.56	2598.26	1000	2810.28	3030.61

STANDARD OF 12 FEET BY 21 INCHES.

Logs 22 Feet long.

Pcs.	28 ins.	29 ins.	Pcs.	30 ins.	31 ins.	Pcs.	32 ins.	33 ins.	Pcs.	34 ins.	35 ins.
1	3.26	3.50	1	3.74	4.00	1	4.26	4.53	1	4.81	5.09
2	6.52	6.99	2	7.48	7.99	2	8.51	9.05	2	9.61	10.19
3	9.78	10.49	3	11.22	11.99	3	12.77	13.58	3	14.42	15.28
4	13.04	13.98	4	14.97	15.98	4	17.03	18.11	4	19.22	20.37
5	16.30	17.48	5	18.71	19.98	5	21.28	22.64	5	24.03	25.46
6	19.56	20.98	6	22.45	23.97	6	25.54	27.16	6	28.83	30.56
7	22.81	24.47	7	26.19	27.97	7	29.80	31.69	7	33.64	35.65
8	26.07	27.97	8	29.93	31.96	8	34.06	36.22	8	38.45	40.74
9	29.32	31.47	9	33.67	35.96	9	38.31	40.74	9	43.25	45.83
10	32.59	34.96	10	37.41	39.95	10	42.57	45.27	10	48.06	50.93
20	65.19	69.92	20	74.83	79.90	20	85.14	90.54	20	96.11	101.85
30	97.78	104.89	30	112.24	119.85	30	127.71	135.82	30	144.17	152.78
40	130.37	139.85	40	149.66	159.80	40	170.28	181.09	40	192.23	203.70
50	162.96	174.81	50	187.07	199.75	50	212.85	226.36	50	240.29	254.63
60	195.56	209.77	60	224.49	239.71	60	255.42	271.63	60	288.34	305.56
70	228.15	244.74	70	261.90	279.66	70	297.99	316.90	70	336.40	356.48
80	260.74	279.70	80	299.32	319.61	80	340.56	362.18	80	384.46	407.41
90	293.33	314.66	90	336.73	359.56	90	383.13	407.45	90	432.52	458.33
100	325.93	349.62	100	374.15	399.51	100	425.70	452.72	100	480.57	509.26
200	651.85	699.24	200	748.30	799.02	200	851.40	905.44	200	961.15	1018.52
300	977.78	1048.87	300	1122.45	1198.53	300	1277.10	1358.16	300	1441.72	1527.78
400	1303.70	1398.49	400	1496.60	1598.03	400	1702.80	1810.88	400	1922.30	2037.04
500	1629.63	1748.11	500	1870.75	1997.54	500	2128.50	2263.61	500	2402.87	2546.30
600	1955.56	2097.73	600	2244.90	2397.05	600	2554.19	2716.33	600	2883.45	3055.56
700	2281.48	2447.35	700	2619.05	2796.56	700	2979.89	3169.05	700	3364.02	3564.82
800	2607.41	2796.98	800	2993.20	3196.07	800	3405.59	3621.77	800	3844.60	4074.07
900	2933.33	3146.60	900	3367.35	3595.58	900	3831.29	4074.49	900	4325.17	4583.33
1000	3259.26	3496.22	1000	3741.50	3995.09	1000	4256.99	4527.21	1000	4805.74	5092.59

Pcs.	36 ins.	37 ins.	Pcs.	38 ins.	39 ins.	Pcs.	40 ins.	41 ins.	Pcs.	42 ins.	43 ins.
1	5.39	5.69	1	6.00	6.32	1	6.65	6.99	1	7.33	7.69
2	10.78	11.39	2	12.01	12.65	2	13.30	13.98	2	14.67	15.37
3	16.16	17.07	3	18.01	18.97	3	19.95	20.96	3	22.00	23.06
4	21.55	22.76	4	24.01	25.29	4	26.61	27.95	4	29.33	30.75
5	26.94	28.46	5	30.02	31.62	5	33.26	34.94	5	36.67	38.43
6	32.33	34.15	6	36.02	37.94	6	39.91	41.93	6	44.00	46.12
7	37.71	39.84	7	42.02	44.26	7	46.56	48.92	7	51.33	53.81
8	43.10	45.53	8	48.02	50.59	8	53.21	55.91	8	58.67	61.49
9	48.49	51.22	9	54.03	56.91	9	59.86	62.89	9	66.00	69.18
10	53.88	56.91	10	60.03	63.23	10	66.52	69.88	10	73.33	76.87
20	107.76	113.82	20	120.06	126.46	20	133.03	139.77	20	146.67	153.73
30	161.63	170.74	30	180.09	189.69	30	195.55	209.65	30	220.00	230.60
40	215.51	227.65	40	240.12	252.93	40	266.06	279.53	40	293.33	307.47
50	269.39	284.56	50	300.15	316.16	50	332.58	349.41	50	366.67	384.33
60	323.27	341.47	60	360.18	379.39	60	399.09	419.30	60	440.00	461.20
70	377.14	398.39	70	420.21	442.62	70	465.61	489.18	70	513.33	538.07
80	431.02	455.30	80	480.24	505.85	80	532.12	559.06	80	586.67	614.94
90	484.90	512.21	90	540.27	569.08	90	598.64	628.95	90	660.00	691.80
100	538.78	569.12	100	600.30	632.31	100	665.16	698.83	100	733.33	768.67
200	1077.55	1138.25	200	1200.60	1264.63	200	1330.31	1397.66	200	1466.67	1537.34
300	1616.33	1707.37	300	1800.91	1896.94	300	1995.46	2096.48	300	2200.00	2306.01
400	2155.10	2276.49	400	2401.21	2529.25	400	2660.62	2795.31	400	2933.33	3074.68
500	2693.88	2845.62	500	3001.51	3161.56	500	3325.77	3494.14	500	3666.67	3843.35
600	3232.65	3414.74	600	3601.81	3793.88	600	3990.93	4192.97	600	4400.00	4612.02
700	3771.43	3983.86	700	4202.12	4426.19	700	4656.08	4891.80	700	5133.33	5380.69
800	4310.20	4552.98	800	4802.42	5058.50	800	5321.24	5590.63	800	5866.67	6149.36
900	4848.98	5122.11	900	5402.72	5690.82	900	5986.39	6289.45	900	6600.00	6918.08
1000	5387.75	5691.23	1000	6003.02	6323.13	1000	6651.55	6988.28	1000	7333.33	7686.70

STANDARD OF 12 FEET BY 21 INCHES.

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Logs 23 Feet long.

35 ins.	Pcs.	13 ins.	13 ins.	Pcs.	14 ins.	15 ins.	Pcs.	16 ins.	17 ins.	Pcs.	18 ins.	19 ins.
5.09	1	.63	.73	1	.85	.98	1	1.11	1.26	1	1.41	1.57
10.19	2	1.25	1.47	2	1.70	1.96	2	2.23	2.51	2	2.82	3.14
15.28	3	1.88	2.20	3	2.56	2.93	3	3.34	3.77	3	4.22	4.71
20.37	4	2.50	2.94	4	3.41	3.91	4	4.45	5.02	4	5.63	6.28
25.46	5	3.13	3.67	5	4.26	4.89	5	5.56	6.28	5	7.04	7.84
30.56	6	3.76	4.41	6	5.11	5.87	6	6.68	7.54	6	8.45	9.41
35.65	7	4.38	5.14	7	5.96	6.85	7	7.79	8.79	7	9.86	10.98
40.74	8	5.01	5.88	8	6.81	7.82	8	8.90	10.05	8	11.27	12.55
45.83	9	5.63	6.61	9	7.67	8.80	9	10.01	11.30	9	12.67	14.12
50.93	10	6.26	7.35	10	8.52	9.78	10	11.13	12.56	10	14.08	15.69
101.85	20	12.52	14.69	20	17.04	19.56	20	22.25	25.12	20	28.16	31.38
152.78	30	18.78	22.04	30	25.56	29.34	30	33.38	37.68	30	42.24	47.07
203.70	40	25.03	29.38	40	34.07	39.12	40	44.50	50.24	40	56.33	62.76
254.63	50	31.29	36.73	50	42.59	48.89	50	55.63	62.80	50	70.41	78.45
305.56	60	37.55	44.07	60	51.11	58.67	60	66.76	75.36	60	84.49	94.14
356.48	70	43.81	51.42	70	59.63	68.45	70	77.88	87.92	70	98.57	109.83
407.41	80	50.07	58.76	80	68.15	78.23	80	89.01	100.48	80	112.65	125.52
458.33	90	56.33	66.11	90	76.67	88.01	90	100.14	113.04	90	126.73	141.21
509.26	100	62.59	73.45	100	85.19	97.79	100	111.26	125.60	100	140.82	156.90
1018.52	200	125.17	146.90	200	170.37	195.58	200	222.52	251.21	200	281.62	313.79
1527.78	300	187.76	220.35	300	255.56	293.37	300	333.79	376.81	300	422.45	470.69
2037.04	400	250.34	293.80	400	340.74	391.16	400	445.05	502.42	400	563.27	627.59
2546.30	500	312.93	367.25	500	425.93	488.95	500	556.31	628.02	500	704.08	784.49
3055.56	600	375.51	440.70	600	511.11	586.73	600	667.57	753.63	600	844.90	941.38
3564.82	700	438.10	514.15	700	596.30	684.52	700	778.84	879.23	700	985.71	1098.28
4074.07	800	500.68	587.60	800	681.48	782.31	800	890.10	1004.84	800	1126.53	1255.18
4583.33	900	563.26	661.05	900	766.67	880.10	900	1001.36	1130.44	900	1267.35	1412.07
5092.59	1000	625.85	734.50	1000	851.85	977.89	1000	1112.62	1256.05	1000	1408.16	1568.97

43 ins.	Pcs.	20 ins.	21 ins.	Pcs.	22 ins.	23 ins.	Pcs.	24 ins.	25 ins.	Pcs.	26 ins.	27 ins.
17.69	1	1.74	1.92	1	2.10	2.30	1	2.50	2.72	1	2.94	3.17
15.37	2	3.48	3.83	2	4.21	4.60	2	5.01	5.43	2	5.88	6.34
23.06	3	5.22	5.75	3	6.31	6.90	3	7.51	8.15	3	8.81	9.51
30.75	4	6.95	7.67	4	8.41	9.20	4	10.01	10.87	4	11.75	12.67
38.43	5	8.69	9.58	5	10.52	11.50	5	12.52	13.58	5	14.69	15.84
46.12	6	10.43	11.50	6	12.62	13.79	6	15.02	16.30	6	17.63	19.01
53.81	7	12.17	13.42	7	14.72	16.09	7	17.52	19.01	7	20.57	22.18
61.49	8	13.91	15.33	8	16.83	18.39	8	20.03	21.73	8	23.50	25.35
69.18	9	15.65	17.25	9	18.93	20.69	9	22.53	24.35	9	26.44	28.52
76.87	10	17.38	19.17	10	21.04	22.99	10	25.03	27.16	10	29.38	31.68
153.73	20	34.77	38.33	20	42.07	45.98	20	50.07	54.33	20	58.76	63.37
230.60	30	52.15	57.50	30	63.11	68.97	30	75.10	81.49	30	88.14	95.05
307.47	40	69.54	76.67	40	84.14	91.97	40	100.14	108.65	40	117.52	126.73
384.33	50	86.92	95.83	50	105.18	114.96	50	125.17	135.82	50	146.90	158.42
461.20	60	104.31	115.00	60	126.21	137.95	60	150.20	162.98	60	176.28	190.10
538.07	70	121.69	134.17	70	147.25	160.94	70	175.24	190.15	70	205.66	221.79
614.94	80	139.08	153.33	80	168.28	183.93	80	200.27	217.31	80	235.04	253.47
691.80	90	156.46	172.50	90	189.32	206.92	90	225.31	244.47	90	264.42	285.15
768.67	100	173.85	191.67	100	210.36	229.91	100	250.34	271.64	100	293.80	316.84
1587.34	200	347.69	383.33	200	420.71	459.83	200	500.68	543.27	200	587.60	633.67
2306.01	300	521.54	575.00	300	631.07	689.74	300	751.02	814.91	300	881.41	950.51
3074.68	400	695.39	766.67	400	841.42	919.65	400	1001.36	1086.55	400	1175.21	1267.35
3843.35	500	869.24	958.33	500	1051.78	1149.57	500	1251.70	1358.18	500	1469.01	1584.18
4612.02	600	1043.08	1150.00	600	1262.13	1379.48	600	1502.04	1629.82	600	1762.81	1901.02
5380.69	700	1216.93	1341.67	700	1472.49	1609.39	700	1752.38	1901.45	700	2056.61	2217.86
6149.36	800	1390.78	1533.33	800	1682.84	1839.30	800	2002.72	2173.09	800	2350.42	2534.69
6918.03	900	1564.63	1725.00	900	1893.20	2069.22	900	2253.06	2444.73	900	2644.22	2851.53
7686.70	1000	1738.47	1916.67	1000	2103.55	2299.13	1000	2503.40	2716.36	1000	2938.02	3168.37

Logs 23 Feet long.

Pcs.	28 ins.	29 ins.	Pcs.	30 ins.	31 ins.	Pcs.	32 ins.	33 ins.	Pcs.	34 ins.	35 ins.
1	8.41	8.66	1	8.91	4.18	1	4.45	4.73	1	5.02	5.32
2	6.81	7.31	2	7.82	8.35	2	8.90	9.47	2	10.05	10.65
3	10.22	10.97	3	11.73	12.53	3	13.35	14.20	3	15.07	15.97
4	13.63	14.62	4	15.65	16.71	4	17.80	18.93	4	20.10	21.30
5	17.04	18.28	5	19.56	20.88	5	22.25	23.66	5	25.12	26.62
6	20.44	21.93	6	23.47	25.06	6	26.70	28.40	6	30.15	31.94
7	23.85	25.59	7	27.38	29.24	7	31.15	33.13	7	35.17	37.27
8	27.26	29.24	8	31.29	33.41	8	35.60	37.86	8	40.19	42.59
9	30.67	32.90	9	35.20	37.59	9	40.05	42.60	9	45.22	47.92
10	34.07	36.55	10	39.12	41.77	10	44.50	47.33	10	50.24	53.24
20	68.15	73.10	20	78.23	83.53	20	89.01	94.66	20	100.48	106.48
30	102.22	109.65	30	117.35	125.30	30	133.51	141.99	30	150.73	159.72
40	136.30	146.21	40	156.46	167.07	40	172.32	189.32	40	200.97	212.96
50	170.37	182.76	50	195.58	208.83	50	222.52	236.65	50	251.21	266.20
60	204.44	219.31	60	234.69	250.60	60	267.03	283.98	60	301.45	319.44
70	238.52	255.86	70	273.81	292.37	70	311.53	331.31	70	351.69	372.69
80	272.59	292.41	80	312.93	334.13	80	356.04	378.64	80	401.93	425.93
90	306.67	328.96	90	352.04	375.90	90	400.54	425.97	90	452.18	479.17
100	340.74	365.51	100	391.16	417.67	100	445.05	473.30	100	502.42	532.41
200	681.48	731.03	200	782.31	835.34	200	890.10	946.60	200	1004.84	1064.81
300	1022.22	1096.54	300	1173.47	1253.00	300	1335.15	1419.90	300	1507.26	1597.22
400	1362.96	1462.06	400	1564.63	1670.67	400	1780.20	1893.20	400	2009.67	2129.63
500	1703.70	1827.57	500	1955.78	2088.34	500	2225.25	2366.50	500	2512.09	2662.04
600	2044.44	2193.08	600	2346.94	2506.01	600	2670.29	2839.80	600	3014.52	3194.44
700	2385.19	2558.60	700	2738.10	2923.68	700	3115.34	3313.10	700	3516.94	3726.85
800	2725.93	2924.11	800	3129.25	3341.35	800	3560.39	3786.39	800	4019.35	4259.26
900	3066.67	3289.63	900	3520.41	3759.01	900	4005.44	4259.69	900	4521.77	4791.67
1000	3407.41	3655.14	1000	3911.56	4176.68	1000	4450.49	4732.99	1000	5024.19	5324.07

Pcs.	36 ins.	37 ins.	Pcs.	38 ins.	39 ins.	Pcs.	40 ins.	41 ins.	Pcs.	42 ins.	43 ins.
1	5.63	5.95	1	6.28	6.61	1	6.95	7.31	1	7.67	8.04
2	11.27	11.90	2	12.55	13.22	2	13.91	14.61	2	15.33	16.07
3	16.90	17.85	3	18.83	19.83	3	20.86	21.92	3	23.00	24.11
4	22.53	23.80	4	25.10	26.44	4	27.82	29.22	4	30.67	32.14
5	28.16	29.75	5	31.38	33.05	5	34.77	36.53	5	38.33	40.18
6	33.80	35.70	6	37.66	39.66	6	41.72	43.84	6	46.00	48.22
7	39.43	41.65	7	43.93	46.27	7	48.68	51.14	7	53.67	56.25
8	45.06	47.60	8	50.21	52.88	8	55.63	58.45	8	61.33	64.29
9	50.69	53.55	9	56.48	59.49	9	62.59	65.75	9	69.00	72.32
10	56.33	59.50	10	62.76	66.11	10	69.54	73.06	10	76.67	80.36
20	112.65	119.00	20	125.52	132.21	20	139.08	146.12	20	153.33	160.72
30	168.98	178.50	30	188.28	198.32	30	208.62	219.18	30	230.00	241.08
40	225.31	238.00	40	251.04	264.42	40	278.16	292.24	40	306.67	321.44
50	281.63	297.50	50	313.79	330.53	50	347.69	365.30	50	383.33	401.80
60	337.96	357.00	60	376.55	396.03	60	417.23	438.36	60	460.00	482.17
70	394.29	416.49	70	439.31	462.74	70	486.77	511.42	70	536.67	562.53
80	450.61	475.99	80	502.07	528.84	80	556.31	584.47	80	613.33	642.89
90	506.94	535.49	90	564.83	594.95	90	625.85	657.53	90	690.00	723.25
100	563.27	594.99	100	627.59	661.05	100	695.39	730.59	100	766.67	803.61
200	1126.53	1189.98	200	1255.18	1322.11	200	1390.78	1461.19	200	1533.33	1607.22
300	1689.80	1784.98	300	1882.77	1983.16	300	2086.17	2191.78	300	2300.00	2410.83
400	2253.06	2379.97	400	2510.36	2644.22	400	2781.56	2922.37	400	3066.67	3214.44
500	2816.33	2974.96	500	3137.94	3305.27	500	3476.95	3652.97	500	3833.33	4018.05
600	3379.59	3569.95	600	3765.53	3966.33	600	4172.34	4383.56	600	4600.00	4821.66
700	3942.86	4164.95	700	4393.12	4627.38	700	4867.73	5114.15	700	5366.67	5625.26
800	4506.12	4759.94	800	5020.71	5288.44	800	5563.11	5844.75	800	6133.33	6428.87
900	5069.39	5354.93	900	5648.30	5949.49	900	6258.50	6575.34	900	6900.00	7232.48
1000	5632.65	5949.92	1000	6275.89	6610.54	1000	6953.89	7305.93	1000	7666.67	8036.09

STANDARD OF 12 FEET BY 21 INCHES.

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Logs 24 Feet long.

35 ins.	Pcs.	12 ins.	13 ins.	Pcs.	14 ins.	15 ins.	Pcs.	16 ins.	17 ins.	Pcs.	18 ins.	19 ins.
5.32	1	.65	.77	1	.89	1.02	1	1.16	1.31	1	1.47	1.64
10.65	2	1.31	1.53	2	1.78	2.04	2	2.32	2.62	2	2.94	3.27
15.97	3	1.96	2.30	3	2.67	3.06	3	3.48	3.93	3	4.41	4.91
21.30	4	2.61	3.07	4	3.56	4.08	4	4.64	5.24	4	5.88	6.55
26.62	5	3.27	3.83	5	4.44	5.10	5	5.80	6.55	5	7.35	8.19
31.94	6	3.92	4.60	6	5.33	6.12	6	6.97	7.86	6	8.82	9.82
37.27	7	4.57	5.37	7	6.22	7.14	7	8.13	9.17	7	10.29	11.46
42.59	8	5.22	6.13	8	7.11	8.16	8	9.29	10.49	8	11.76	13.10
47.92	9	5.88	6.90	9	8.00	9.18	9	10.45	11.80	9	13.22	14.73
53.24	10	6.53	7.66	10	8.89	10.20	10	11.61	13.11	10	14.69	16.37
106.48	20	13.06	15.33	20	17.78	20.41	20	23.22	26.21	20	29.39	32.74
159.72	30	19.59	22.99	30	26.67	30.61	30	34.83	39.32	30	44.08	49.12
212.96	40	26.12	30.66	40	35.56	40.82	40	46.44	52.43	40	58.78	65.49
266.20	50	32.65	38.32	50	44.44	51.02	50	58.05	65.53	50	73.47	81.86
319.44	60	39.18	45.99	60	53.33	61.22	60	69.66	78.64	60	88.16	98.23
372.69	70	45.71	53.65	70	62.22	71.43	70	81.27	91.75	70	102.86	114.60
425.93	80	52.24	61.32	80	71.11	81.63	80	92.88	104.85	80	117.55	130.98
479.17	90	58.78	68.98	90	80.00	91.84	90	104.49	117.96	90	132.24	147.35
532.41	100	65.31	76.64	100	88.89	102.04	100	116.10	131.07	100	146.94	163.72
064.81	200	130.61	153.29	200	177.78	204.08	200	232.20	262.13	200	293.88	327.44
597.22	300	195.92	229.93	300	266.67	306.12	300	348.30	393.20	300	440.82	491.16
129.63	400	261.22	306.58	400	355.56	408.16	400	464.40	524.26	400	587.76	654.88
662.04	500	326.53	383.22	500	444.44	510.20	500	580.50	655.33	500	734.69	818.59
194.44	600	391.84	459.86	600	533.33	612.24	600	696.60	786.40	600	881.63	982.31
726.85	700	457.14	536.51	700	622.22	714.29	700	812.70	917.46	700	1028.57	1146.03
259.26	800	522.45	613.15	800	711.11	816.33	800	928.80	1048.53	800	1175.51	1309.75
791.67	900	587.75	689.80	900	800.00	918.37	900	1044.90	1179.59	900	1322.45	1473.47
324.07	1000	653.06	766.44	1000	888.89	1020.41	1000	1161.00	1310.66	1000	1469.39	1637.19

43 ins.	Pcs.	20 ins.	21 ins.	Pcs.	22 ins.	23 ins.	Pcs.	24 ins.	25 ins.	Pcs.	26 ins.	27 ins.
8.04	1	1.81	2.00	1	2.20	2.40	1	2.61	2.83	1	3.07	3.31
16.07	2	3.63	4.00	2	4.39	4.80	2	5.22	5.67	2	6.13	6.61
24.11	3	5.44	6.00	3	6.59	7.20	3	7.84	8.50	3	9.20	9.92
32.14	4	7.26	8.00	4	8.78	9.60	4	10.45	11.34	4	12.26	13.22
40.18	5	9.07	10.00	5	10.98	12.00	5	13.06	14.17	5	15.33	16.53
48.22	6	10.88	12.00	6	13.17	14.39	6	15.67	17.01	6	18.39	19.84
56.25	7	12.70	14.00	7	15.37	16.79	7	18.29	19.84	7	21.46	23.14
64.29	8	14.51	16.00	8	17.56	19.19	8	20.90	22.68	8	24.53	26.45
72.32	9	16.33	18.00	9	19.76	21.59	9	23.51	25.51	9	27.59	29.76
80.36	10	18.14	20.00	10	21.95	23.99	10	26.12	28.34	10	30.66	33.06
160.72	20	36.28	40.00	20	43.90	47.98	20	52.24	56.69	20	61.32	66.12
241.08	30	54.42	60.00	30	65.85	71.97	30	78.37	85.03	30	91.97	99.18
321.44	40	72.56	80.00	40	87.80	95.96	40	104.49	113.38	40	122.63	132.24
401.80	50	90.70	100.00	50	109.75	119.95	50	130.61	141.72	50	153.29	165.31
482.17	60	108.84	120.00	60	131.70	143.95	60	156.73	170.07	60	183.95	198.37
562.53	70	126.98	140.00	70	153.65	167.94	70	182.86	198.41	70	214.60	231.43
642.89	80	145.12	160.00	80	175.60	191.93	80	208.98	226.76	80	245.26	264.49
723.25	90	163.27	180.00	90	197.55	215.92	90	235.10	255.10	90	275.92	297.55
803.61	100	181.41	200.00	100	219.50	239.91	100	261.22	283.45	100	306.58	330.61
883.97	200	362.81	400.00	200	439.00	479.82	200	522.45	566.89	200	613.15	661.22
964.33	300	544.22	600.00	300	658.50	719.73	300	783.67	850.34	300	919.73	991.84
1044.69	400	725.62	800.00	400	878.00	959.64	400	1044.90	1133.79	400	1226.30	1322.45
1125.05	500	907.03	1000.00	500	1097.51	1199.55	500	1306.12	1417.23	500	1532.88	1653.06
1205.41	600	1088.44	1200.00	600	1317.01	1439.46	600	1567.35	1700.68	600	1839.46	1983.67
1285.77	700	1269.84	1400.00	700	1536.51	1679.37	700	1828.57	1984.13	700	2146.03	2314.20
1366.13	800	1451.25	1600.00	800	1756.01	1919.27	800	2089.80	2267.57	800	2452.61	2644.90
1446.49	900	1632.65	1800.00	900	1975.51	2159.18	900	2351.02	2551.02	900	2759.18	2975.51
1526.85	1000	1814.06	2000.00	1000	2195.01	2399.09	1000	2612.24	2834.47	1000	3065.76	3306.12

STANDARD OF 12 FEET BY 21 INCHES.

Logs 24 Feet long.

Pcs.	28 ins.	29 ins.	Pcs.	30 ins.	31 ins.	Pcs.	32 ins.	33 ins.	Pcs.	34 ins.	35 ins.
1	3.56	3.81	1	4.08	4.36	1	4.64	4.94	1	5.24	5.56
2	7.11	7.63	2	8.16	8.72	2	9.29	9.88	2	10.49	11.11
3	10.67	11.44	3	12.24	13.07	3	13.93	14.82	3	15.73	16.67
4	14.22	15.26	4	16.33	17.43	4	18.58	19.76	4	20.97	22.22
5	17.78	19.07	5	20.41	21.79	5	23.22	24.69	5	26.21	27.78
6	21.33	22.88	6	24.49	26.15	6	27.86	29.63	6	31.46	33.33
7	24.89	26.70	7	28.57	30.51	7	32.51	34.57	7	36.70	38.89
8	28.44	30.51	8	32.65	34.87	8	37.15	39.51	8	41.94	44.44
9	32.00	34.33	9	36.73	39.22	9	41.80	44.45	9	47.18	50.00
10	35.56	38.14	10	40.82	43.58	10	46.44	49.39	10	52.43	55.56
20	71.11	76.28	20	81.63	87.17	20	92.88	98.78	20	104.85	111.11
30	106.67	114.42	30	122.45	130.75	30	139.32	148.16	30	157.28	166.67
40	142.22	152.56	40	163.27	174.33	40	185.76	197.56	40	209.71	222.22
50	177.78	190.70	50	204.08	217.91	50	232.20	246.94	50	262.13	277.78
60	213.33	228.84	60	244.90	261.50	60	278.64	296.33	60	314.56	333.33
70	248.89	266.98	70	285.71	305.08	70	325.08	345.71	70	366.98	388.89
80	284.44	305.12	80	326.53	348.66	80	371.52	395.10	80	419.41	444.44
90	320.00	343.27	90	367.35	392.24	90	417.96	444.49	90	471.84	500.00
100	355.56	381.41	100	408.16	435.83	100	464.40	493.88	100	524.26	555.56
200	711.11	762.81	200	816.33	871.66	200	928.80	987.76	200	1048.53	1111.11
300	1066.67	1144.22	300	1224.49	1307.48	300	1393.20	1481.63	300	1572.79	1666.67
400	1422.22	1525.62	400	1632.65	1743.31	400	1857.60	1975.51	400	2097.05	2222.22
500	1777.78	1907.03	500	2040.82	2179.14	500	2322.00	2469.39	500	2621.31	2777.78
600	2133.33	2288.44	600	2448.98	2614.97	600	2786.39	2963.27	600	3145.58	3333.33
700	2488.89	2669.84	700	2857.14	3050.80	700	3250.79	3457.14	700	3669.84	3888.89
800	2844.44	3051.25	800	3265.30	3486.62	800	3715.19	3951.02	800	4194.10	4444.44
900	3200.00	3432.65	900	3673.47	3922.45	900	4179.59	4444.90	900	4718.37	5000.00
1000	3555.56	3814.06	1000	4081.63	4358.28	1000	4643.99	4938.78	1000	5242.63	5555.56

Pcs.	36 ins.	37 ins.	Pcs.	38 ins.	39 ins.	Pcs.	40 ins.	41 ins.	Pcs.	42 ins.	43 ins.
1	5.88	6.21	1	6.55	6.90	1	7.26	7.62	1	8.00	8.39
2	11.76	12.42	2	13.10	13.80	2	14.51	15.25	2	16.00	16.77
3	17.63	18.63	3	19.65	20.69	3	21.77	22.87	3	24.00	25.16
4	23.51	24.83	4	26.19	27.59	4	29.02	30.49	4	32.00	33.54
5	29.39	31.04	5	32.74	34.49	5	36.28	38.12	5	40.00	41.93
6	35.27	37.25	6	39.29	41.39	6	43.54	45.74	6	48.00	50.31
7	41.14	43.46	7	45.84	48.29	7	50.79	53.37	7	56.00	58.70
8	47.02	49.67	8	52.39	55.18	8	58.05	60.99	8	64.00	67.08
9	52.90	55.88	9	58.94	62.08	9	65.31	68.61	9	72.00	75.47
10	58.78	62.09	10	65.49	68.98	10	72.56	76.24	10	80.00	83.85
20	117.55	124.17	20	130.98	137.96	20	145.12	152.47	20	160.00	167.71
30	176.33	186.26	30	196.46	206.94	30	217.69	228.71	30	240.00	251.56
40	235.10	248.34	40	261.95	275.92	40	290.25	304.94	40	320.00	335.42
50	293.88	310.43	50	327.44	344.90	50	362.81	381.18	50	400.00	419.27
60	352.65	372.52	60	392.93	413.88	60	435.37	457.41	60	480.00	503.13
70	411.43	434.60	70	458.41	482.86	70	507.94	533.65	70	560.00	586.98
80	470.20	496.69	80	523.90	551.84	80	580.50	609.89	80	640.00	670.84
90	528.98	558.77	90	589.39	620.82	90	653.06	686.12	90	720.00	754.69
100	587.76	620.86	100	654.88	689.80	100	725.62	762.36	100	800.00	838.55
200	1175.51	1241.72	200	1309.75	1379.59	200	1451.25	1524.72	200	1600.00	1677.10
300	1763.27	1862.59	300	1964.63	2069.39	300	2176.87	2287.07	300	2400.00	2515.65
400	2351.02	2483.45	400	2619.50	2759.18	400	2902.49	3049.43	400	3200.00	3354.19
500	2938.78	3104.31	500	3274.38	3448.98	500	3628.12	3811.79	500	4000.00	4192.74
600	3526.53	3725.17	600	3929.25	4138.78	600	4353.74	4574.15	600	4800.00	5031.29
700	4114.28	4346.03	700	4584.13	4828.57	700	5079.36	5336.51	700	5600.00	5869.84
800	4702.04	4966.90	800	5239.00	5518.37	800	5804.99	6098.86	800	6400.00	6708.39
900	5289.80	5587.76	900	5893.88	6208.16	900	6530.61	6861.22	900	7200.00	7546.94
1000	5877.55	6208.62	1000	6543.75	6897.96	1000	7256.24	7623.58	1000	8000.00	8385.49

STANDARD OF 12 FEET BY 20 INCHES.

61

3 ins.

5.56
11.11
16.67
22.22
27.78
33.33
38.89
44.44
50.00
55.56
61.11
66.67
72.22
77.78
83.33
88.89
94.44
100.00
105.56
111.11
116.67
122.22
127.78
133.33
138.89
144.44
150.00
155.56
161.11
166.67
172.22
177.78
183.33
188.89
194.44
200.00
205.56

Dia'r.	12 feet.	13 feet.	Dia'r.	14 feet.	15 feet.	Dia'r.	16 feet.	17 feet.	Dia'r.	18 feet.	19 feet.
12	.3600	.3900	12	.4200	.4500	12	.4800	.5100	12	.5400	.5700
13	.4225	.4577	13	.4929	.5281	13	.5633	.5985	13	.6337	.6690
14	.4900	.5308	14	.5717	.6125	14	.6533	.6942	14	.7350	.7758
15	.5625	.6094	15	.6563	.7031	15	.7500	.7969	15	.8437	.8906
16	.6400	.6933	16	.7467	.8000	16	.8533	.9067	16	.9600	1.0133
17	.7225	.7827	17	.8429	.9031	17	.9633	1.0235	17	1.0837	1.1440
18	.8100	.8775	18	.9450	1.0125	18	1.0800	1.1475	18	1.2150	1.2825
19	.9025	.9777	19	1.0529	1.1281	19	1.2033	1.2785	19	1.3537	1.4290
20	1.0000	1.0833	20	1.1667	1.2500	20	1.3333	1.4167	20	1.5000	1.5833
21	1.1025	1.1944	21	1.2862	1.3781	21	1.4700	1.5619	21	1.6537	1.7456
22	1.2100	1.3108	22	1.4117	1.5125	22	1.6133	1.7142	22	1.8150	1.9158
23	1.3225	1.4327	23	1.5429	1.6531	23	1.7633	1.8735	23	1.9837	2.0940
24	1.4400	1.5600	24	1.6800	1.8000	24	1.9200	2.0400	24	2.1600	2.2800
25	1.5625	1.6927	25	1.8229	1.9531	25	2.0833	2.2135	25	2.3437	2.4740
26	1.6900	1.8308	26	1.9717	2.1125	26	2.2533	2.3942	26	2.5850	2.7258
27	1.8225	1.9744	27	2.1262	2.2781	27	2.4300	2.5819	27	2.7337	2.8856
28	1.9600	2.1233	28	2.2867	2.4500	28	2.6133	2.7767	28	2.9400	3.1033
29	2.1025	2.2777	29	2.4529	2.6281	29	2.8033	2.9785	29	3.1537	3.3290
30	2.2500	2.4375	30	2.6250	2.8125	30	3.0000	3.1875	30	3.3750	3.5625
31	2.4025	2.6027	31	2.8029	3.0031	31	3.2033	3.4035	31	3.6037	3.8040
32	2.5600	2.7733	32	2.9867	3.2000	32	3.4133	3.6267	32	3.8400	4.0533
33	2.7225	2.9494	33	3.1762	3.4031	33	3.6300	3.8569	33	4.0837	4.3106
34	2.8900	3.1308	34	3.3717	3.6125	34	3.8533	4.0942	34	4.3350	4.5758
35	3.0625	3.3177	35	3.5729	3.8281	35	4.0833	4.3385	35	4.5937	4.8490
36	3.2400	3.5100	36	3.7800	4.0500	36	4.3200	4.5900	36	4.8600	5.1300
37	3.4225	3.7077	37	3.9929	4.2781	37	4.5633	4.8485	37	5.1337	5.4190
38	3.6100	3.9108	38	4.2117	4.5125	38	4.8133	5.1142	38	5.4150	5.7158
39	3.8025	4.1194	39	4.4362	4.7531	39	5.0700	5.3869	39	5.7037	6.0206
40	4.0000	4.3333	40	4.6667	5.0000	40	5.3333	5.6667	40	6.0000	6.3333

3 ins.

8.39
16.77
25.16
33.54
41.93
50.31
58.70
67.08
75.47
83.85
92.23
100.61
109.00
117.38
125.77
134.15
142.54
150.92
159.31
167.69
176.08
184.46
192.85
201.23
209.62
218.00
226.39
234.77
243.16
251.54
259.93
268.31
276.70
285.08
293.47
301.85
310.24
318.62
327.01
335.39
343.78
352.16
360.55
368.93
377.32
385.70
394.09
402.47
410.86
419.24
427.63
436.01
444.40
452.78
461.17
469.55
477.94
486.32
494.71
503.09
511.48
519.86
528.25
536.63
545.02
553.40
561.79
570.17
578.56
586.94
595.33
603.71
612.10
620.48
628.87
637.25
645.64
654.02
662.41
670.79
679.18
687.56
695.95
704.33
712.72
721.10
729.49
737.87
746.26
754.64
763.03
771.41
779.80
788.18
796.57
804.95
813.34
821.72
830.11
838.49
846.88
855.26
863.65
872.03
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897.19
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930.73
939.11
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955.88
964.27
972.65
981.04
989.42
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1006.19
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1199.05
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1257.74
1266.13
1274.51
1282.90
1291.28
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1309.05
1317.44
1325.82
1334.21
1342.59
1350.98
1359.36
1367.75
1376.13
1384.52
1392.90
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1418.06
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1434.83
1443.21
1451.60
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1468.38
1476.77
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1937.95
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1963.10
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1979.87
1988.26
1996.64
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2298.50
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3574.03
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3590.80
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3649.49
3657.88
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3674.65
3683.03
3691.42
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3717.57
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3742.73
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3985.89
3994.28
4002.66
4011.05
4019.43
4027.82
4036.20
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4061.36
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4078.13
4086.51
4094.90
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4120.05
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4145.21
4153.59
4161.98
4170.36
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4405.14
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4463.84
4472.22
4480.61
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4497.38
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4539.31
4547.69
4556.08
4564.46
4572.85
4581.23
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4598.00
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4623.16
4631.54
4639.93
4648.31
4656.70
4665.08
4673.47
4681.85
4690.24
4698.62
4707.01
4715.39
4723.78
4732.16
4740.55
4748.93
4757.32
4765.70
4774.09
4782.47
4790.86
4799.24
4807.63
4816.01
4824.40
4832.78
4841.17
4849.55
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4866.32
4874.71
4883.09
4891.48
4900.86
4909.25
4917.63
4926.02
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4951.17
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5035.02
5043.41
5051.79
5060.18
5068.56
5076.95
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5093.72
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5110.49
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5135.64
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5160.80
5169.18
5177.57
5185.95
5194.34
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5211.11
5219.49
5227.88
5236.26
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5261.42
5269.80
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5303.34
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5320.11
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5378.81
5387.19
5395.58
5403.96
5412.35
5420.73
5429.12
5437.50
5445.89
5454.27
5462.66
5471.04
5479.43
5487.81
5496.20
5504.58
5512.97
5521.35
5529.74
5538.12
5546.51
5554.89
5563.28
5571.66
5580.05
5588.43
5596.82
5605.20
5613.59
5621.97
5630.36
5638.74
5647.13
5655.51
5663.90
5672.28
5680.67
5689.05
5697.44
5705.82
5714.21
5722.59
5730.98
5739.36
5747.75
5756.13
5764.52
5772.90
5781.29
5789.67
5798.06
5806.44
5814.83
5823.21
5831.60
5840.00
5848.38
5856.77
5865.15
5873.54
5881.92
5890.31
5898.69
5907.08
5915.46
5923.85
5932.23
5940.62
5949.00
5957.39
5965.77
5974.16
5982.54
5990.93
6000.00

Dia'r.	20 feet.	21 feet.	Dia'r.	22 feet.	23 feet.	Dia'r.	24 feet.	25 feet.	Dia'r.	26 feet.	27 feet.
12	.6000	.6300	12	.6600	.6900	12	.7200	.7500	12	.7800	.8100
13	.7042	.7394	13	.7746	.8098	13	.8450	.8802	13	.9154	.9506
14	.8167	.8575	14	.8983	.9392	14	.9800	1.0208	14	1.0617	1.1025
15	.9375	.9844	15	1.0312	1.0781	15	1.1250	1.1719	15	1.2187	1.2656
16	1.0667	1.1200	16	1.1733	1.2267	16	1.2800	1.3333	16	1.3867	1.4400
17	1.2042	1.2644	17	1.3246	1.3848	17	1.4450	1.5052	17	1.5654	1.6256
18	1.3500	1.4175	18	1.4850	1.5525	18	1.6200	1.6875	18	1.7550	1.8225
19	1.5042	1.5794	19	1.6546	1.7298	19	1.8050	1.8802	19	1.9554	2.0306
20	1.6667	1.7500	20	1.8333	1.9167	20	2.0000	2.0833	20	2.1667	2.2500
21	1.8375	1.9294	21	2.0212	2.1131	21	2.2050	2.2969	21	2.3887	2.4806
22	2.0167	2.1175	22	2.2183	2.3192	22	2.4200	2.5208	22	2.6217	2.7225
23	2.2042	2.3144	23	2.4246	2.5348	23	2.6450	2.7552	23	2.8654	2.9756
24	2.4000	2.5200	24	2.6400	2.7600	24	2.8800	3.0000	24	3.1200	3.2400
25	2.6042	2.7344	25	2.8646	2.9948	25	3.1250	3.2552	25	3.3854	3.5156
26	2.8167	2.9575	26	3.0983	3.2392	26	3.3800	3.5208	26	3.6617	3.8025
27	3.0375	3.1894	27	3.3412	3.4931	27	3.6450	3.7969	27	3.9487	4.1006
28	3.2667	3.4300	28	3.5933	3.7567	28	3.9200	4.0833	28	4.2467	4.4100
29	3.5042	3.6794	29	3.8546	4.0298	29	4.2050	4.3802	29	4.5554	4.7306
30	3.7500	3.9375	30	4.1250	4.3125	30	4.5000	4.6875	30	4.8750	5.0625
31	4.0042	4.2044	31	4.4046	4.6048	31	4.8050	5.0052	31	5.2054	5.4056
32	4.2667	4.4800	32	4.6933	4.9067	32	5.1200	5.3333	32	5.5467	5.7600
33	4.5375	4.7644	33	4.9912	5.2181	33	5.4450	5.6719	33	5.8987	6.1256
34	4.8167	5.0575	34	5.2983	5.5392	34	5.7800	6.0208	34	6.2617	6.5025
35	5.1042	5.3594	35	5.6146	5.8698	35	6.1250	6.3802	35	6.6354	6.8906
36	5.4000	5.6700	36	5.9400	6.2100	36	6.4800	6.7500	36	7.0200	7.2900
37	5.7042	5.9894	37	6.2746	6.5598	37	6.8450	7.1302	37	7.4154	7.7006
38	6.0167	6.3175	38	6.6183	6.9192	38	7.2200	7.5208	38	7.8217	8.1225
39	6.3375	6.6544	39	6.9712	7.2881	39	7.6050	7.9219	39	8.2387	8.5556
40	6.6667	7.0000	40	7.3333	7.6667	40	8.0000	8.3333	40	8.6667	9.0000

STANDARD OF 12 FEET BY 19 INCHES.

Dia'r.	12 feet.	13 feet.	Dia'r.	14 feet.	15 feet.	Dia'r.	16 feet.	17 feet.	Dia'r.	18 feet.	19 feet.
12	.3989	.4321	12	.4654	.4986	12	.5319	.5651	12	.5983	.6316
13	.4681	.5072	13	.5462	.5852	13	.6242	.6632	13	.7022	.7412
14	.5429	.5882	14	.6334	.6787	14	.7239	.7692	14	.8144	.8597
15	.6233	.6752	15	.7271	.7791	15	.8310	.8830	15	.9349	.9868
16	.7091	.7682	16	.8273	.8864	16	.9455	1.0046	16	1.0637	1.1228
17	.8006	.8673	17	.9340	1.0007	17	1.0674	1.1341	17	1.2008	1.2675
18	.8975	.9723	18	1.0471	1.1219	18	1.1967	1.2715	18	1.3463	1.4211
19	1.0000	1.0833	19	1.1667	1.2500	19	1.3333	1.4167	19	1.5000	1.5833
20	1.1080	1.2004	20	1.2927	1.3850	20	1.4774	1.5697	20	1.6620	1.7544
21	1.2216	1.3234	21	1.4252	1.5270	21	1.6288	1.7306	21	1.8324	1.9342
22	1.3407	1.4524	22	1.5642	1.6759	22	1.7876	1.8994	22	2.0111	2.1228
23	1.4654	1.5875	23	1.7096	1.8317	23	1.9538	2.0759	23	2.1981	2.3202
24	1.5956	1.7285	24	1.8615	1.9945	24	2.1274	2.2604	24	2.3934	2.5263
25	1.7313	1.8756	25	2.0199	2.1641	25	2.3084	2.4527	25	2.5970	2.7412
26	1.8726	2.0286	26	2.1847	2.3407	26	2.4968	2.6528	26	2.8089	2.9649
27	2.0194	2.1877	27	2.3560	2.5242	27	2.6925	2.8608	27	3.0291	3.1974
28	2.1717	2.3527	28	2.5337	2.7147	28	2.8957	3.0766	28	3.2576	3.4386
29	2.3296	2.5238	29	2.7179	2.9121	29	3.1062	3.3003	29	3.4945	3.6886
30	2.4931	2.7008	30	2.9086	3.1163	30	3.3241	3.5319	30	3.7396	3.9474
31	2.6620	2.8839	31	3.1057	3.3276	31	3.5494	3.7712	31	3.9931	4.2149
32	2.8366	3.0729	32	3.3093	3.5457	32	3.7821	4.0185	32	4.2548	4.4912
33	3.0166	3.2680	33	3.5194	3.7708	33	4.0222	4.2735	33	4.5249	4.7763
34	3.2022	3.4691	34	3.7359	4.0028	34	4.2696	4.5305	34	4.8033	5.0702
35	3.3934	3.6761	35	3.9589	4.2417	35	4.5245	4.8072	35	5.0900	5.3728
36	3.5900	3.8892	36	4.1884	4.4875	36	4.7867	5.0850	36	5.3850	5.6842
37	3.7922	4.1083	37	4.4243	4.7403	37	5.0563	5.3729	37	5.6884	6.0044
38	4.0000	4.3333	38	4.6667	5.0000	38	5.3333	5.6667	38	6.0000	6.3333
39	4.2133	4.5644	39	4.9155	5.2666	39	5.6177	5.9688	39	6.3199	6.6711
40	4.4321	4.8015	40	5.1708	5.5402	40	5.9095	6.2789	40	6.6482	7.0175

Dia'r.	20 feet.	21 feet.	Dia'r.	22 feet.	23 feet.	Dia'r.	24 feet.	25 feet.	Dia'r.	26 feet.	27 feet.
12	.6648	.6981	12	.7313	.7645	12	.7978	.8310	12	.8643	.8975
13	.7802	.8193	13	.8583	.8973	13	.9363	.9753	13	1.0143	1.0533
14	.9049	.9501	14	.9954	1.0406	14	1.0859	1.1311	14	1.1764	1.2216
15	1.0388	1.0907	15	1.1427	1.1946	15	1.2465	1.2985	15	1.3504	1.4024
16	1.1719	1.2410	16	1.3001	1.3592	16	1.4183	1.4774	16	1.5365	1.5956
17	1.3343	1.4010	17	1.4677	1.5344	17	1.6011	1.6678	17	1.7345	1.8012
18	1.4958	1.5706	18	1.6454	1.7202	18	1.7950	1.8698	18	1.9446	2.0194
19	1.6667	1.7500	19	1.8333	1.9167	19	2.0000	2.0833	19	2.1667	2.2500
20	1.8467	1.9391	20	2.0314	2.1237	20	2.2161	2.3084	20	2.4007	2.4931
21	2.0360	2.1378	21	2.2396	2.3414	21	2.4432	2.5450	21	2.6468	2.7486
22	2.2345	2.3463	22	2.4580	2.5697	22	2.6814	2.7932	22	2.9049	3.0166
23	2.4423	2.5644	23	2.6865	2.8086	23	2.9307	3.0529	23	3.1760	3.2971
24	2.6593	2.7922	24	2.9252	3.0582	24	3.1911	3.3241	24	3.4571	3.5900
25	2.8855	3.0298	25	3.1741	3.3183	25	3.4626	3.6069	25	3.7512	3.8954
26	3.1210	3.2770	26	3.4331	3.5891	26	3.7452	3.9012	26	4.0372	4.2133
27	3.3656	3.5339	27	3.7022	3.8705	27	4.0388	4.2071	27	4.3753	4.5436
28	3.6196	3.8006	28	3.9815	4.1625	28	4.3435	4.5245	28	4.7055	4.8864
29	3.8827	4.0769	29	4.2710	4.4651	29	4.6593	4.8534	29	5.0476	5.2417
30	4.1551	4.3629	30	4.5706	4.7784	30	4.9861	5.1939	30	5.4017	5.6094
32	4.4367	4.6586	31	4.8804	5.1023	31	5.3241	5.5459	31	5.7078	5.9296
31	4.7276	4.9640	32	5.2004	5.4367	32	5.6731	5.9095	32	6.1459	6.3823
33	5.0277	5.2791	33	5.5305	5.7819	33	6.0332	6.2846	33	6.5000	6.7514
34	5.3370	5.6039	34	5.8707	6.1376	34	6.4044	6.6713	34	6.9381	7.2050
35	5.6556	5.9384	35	6.2211	6.5039	35	6.7867	7.0695	35	7.3523	7.6350
36	5.9834	6.2825	36	6.5817	6.8809	36	7.1801	7.4792	36	7.7784	8.0775
37	6.3204	6.6364	37	6.9524	7.2685	37	7.5845	7.9005	37	8.2165	8.5326
38	6.6667	7.0000	38	7.3333	7.6667	38	8.0000	8.3333	38	8.6667	9.0000
39	7.0222	7.3733	39	7.7244	8.0755	39	8.4266	8.7777	39	9.1288	9.4799
40	7.3869	7.7562	40	8.1256	8.4949	40	8.8643	9.2336	40	9.6029	9.9723

STANDARD OF 12 FEET BY 16 INCHES.

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Dia'r	12 feet.	13 feet.	Dia'r	14 feet.	15 feet.	Dia'r	16 feet.	17 feet.	Dia'r	18 feet.	19 feet.
12	.5625	.6094	12	.6562	.7031	12	.7500	.7969	12	.8437	.8906
13	.6602	.7152	13	.7702	.8252	13	.8802	.9352	13	.9902	1.0452
14	.7656	.8294	14	.8932	.9570	14	1.0208	1.0846	14	1.1484	1.2122
15	.8789	.9521	15	1.0254	1.0986	15	1.1719	1.2451	15	1.3184	1.3916
16	1.0000	1.0833	16	1.1667	1.2500	16	1.3333	1.4167	16	1.5000	1.5833
17	1.1289	1.2230	17	1.3171	1.4111	17	1.5052	1.5993	17	1.6934	1.7874
18	1.2656	1.3711	18	1.4766	1.5820	18	1.6875	1.7930	18	1.8984	2.0039
19	1.4102	1.5277	19	1.6452	1.7627	19	1.8802	1.9977	19	2.1152	2.2327
20	1.5625	1.6927	20	1.8229	1.9531	20	2.0833	2.2135	20	2.3437	2.4740
21	1.7227	1.8662	21	2.0098	2.1533	21	2.2969	2.4404	21	2.5840	2.7275
22	1.8906	2.0482	22	2.2057	2.3633	22	2.5208	2.6784	22	2.8359	2.9935
23	2.0664	2.2386	23	2.4108	2.5830	23	2.7562	2.9274	23	3.0996	3.2718
24	2.2500	2.4375	24	2.6250	2.8125	24	3.0000	3.1875	24	3.3750	3.5625
Dia'r	20 feet.	21 feet.	Dia'r	22 feet.	23 feet.	Dia'r	24 feet.	25 feet.	Dia'r	26 feet.	27 feet.
12	.9375	.9844	12	1.0312	1.0781	12	1.1250	1.1719	12	1.2187	1.2656
13	1.1003	1.1553	13	1.2103	1.2653	13	1.3203	1.3753	13	1.4303	1.4854
14	1.2760	1.3398	14	1.4036	1.4674	14	1.5312	1.5951	14	1.6589	1.7227
15	1.4648	1.5381	15	1.6113	1.6846	15	1.7578	1.8311	15	1.9043	1.9775
16	1.6667	1.7500	16	1.8333	1.9167	16	2.0000	2.0833	16	2.1667	2.2500
17	1.8815	1.9756	17	2.0697	2.1637	17	2.2578	2.3519	17	2.4460	2.5400
18	2.1094	2.2148	18	2.3203	2.4258	18	2.5312	2.6367	18	2.7422	2.8477
19	2.3503	2.4678	19	2.5853	2.7028	19	2.8203	2.9378	19	3.0553	3.1729
20	2.6042	2.7344	20	2.8646	2.9948	20	3.1250	3.2552	20	3.3854	3.5156
21	2.8711	3.0146	21	3.1582	3.3018	21	3.4453	3.5889	21	3.7324	3.8760
22	3.1510	3.3086	22	3.4661	3.6237	22	3.7812	3.9388	22	4.0964	4.2539
23	3.4440	3.6162	23	3.7884	3.9606	23	4.1328	4.3050	23	4.4772	4.6494
24	3.7500	3.9375	24	4.1250	4.3125	24	4.5000	4.6875	24	4.8750	5.0625

STANDARD OF 12 FEET BY 15 INCHES.

Dia'r	12 feet.	13 feet.	Dia'r	14 feet.	15 feet.	Dia'r	16 feet.	17 feet.	Dia'r	18 feet.	19 feet.
12	.6400	.6933	12	.7467	.8000	12	.8533	.9067	12	.9600	1.0133
13	.7511	.8137	13	.8763	.9389	13	1.0015	1.0641	13	1.1267	1.1893
14	.8711	.9437	14	1.0163	1.0889	14	1.1615	1.2341	14	1.3067	1.3793
15	1.0000	1.0833	15	1.1667	1.2500	15	1.3333	1.4167	15	1.5000	1.5833
16	1.1378	1.2326	16	1.3274	1.4222	16	1.5170	1.6119	16	1.7067	1.8015
17	1.2844	1.3915	17	1.4985	1.6056	17	1.7126	1.8196	17	1.9267	2.0337
18	1.4400	1.5600	18	1.6800	1.8000	18	1.9200	2.0400	18	2.1600	2.2800
19	1.6044	1.7381	19	1.8719	2.0056	19	2.1393	2.2730	19	2.4067	2.5404
20	1.7778	1.9259	20	2.0741	2.2222	20	2.3704	2.5185	20	2.6667	2.8148
21	1.9600	2.1233	21	2.2867	2.4500	21	2.6133	2.7767	21	2.9400	3.1033
22	2.1511	2.3304	22	2.5096	2.6889	22	2.8681	3.0474	22	3.2267	3.4059
23	2.3511	2.5470	23	2.7430	2.9389	23	3.1348	3.3307	23	3.5267	3.7226
24	2.5600	2.7733	24	2.9867	3.2000	24	3.4133	3.6267	24	3.8400	4.0533
Dia'r	20 feet.	21 feet.	Dia'r	22 feet.	23 feet.	Dia'r	24 feet.	25 feet.	Dia'r	26 feet.	27 feet.
12	1.0667	1.1200	12	1.1733	1.2267	12	1.2800	1.3333	12	1.3867	1.4400
13	1.2519	1.3144	13	1.3770	1.4396	13	1.5022	1.5648	13	1.6274	1.6900
14	1.4519	1.5244	14	1.5970	1.6696	14	1.7422	1.8148	14	1.8874	1.9600
15	1.6667	1.7500	15	1.8333	1.9167	15	2.0000	2.0833	15	2.1667	2.2500
16	1.8903	1.9911	16	2.0859	2.1807	16	2.2766	2.3704	16	2.4652	2.5600
17	2.1407	2.2478	17	2.3548	2.4619	17	2.5689	2.6759	17	2.7830	2.8900
18	2.4000	2.5200	18	2.6400	2.7600	18	2.8800	3.0000	18	3.1200	3.2400
19	2.6741	2.8078	19	2.9415	3.0752	19	3.2089	3.3426	19	3.4763	3.6100
20	2.9630	3.1111	20	3.2593	3.4074	20	3.5556	3.7037	20	3.8519	4.0000
21	3.2667	3.4300	21	3.5933	3.7567	21	3.9200	4.0833	21	4.2467	4.4100
22	3.5852	3.7644	22	3.9437	4.1230	22	4.3022	4.4815	22	4.6607	4.8400
23	3.9185	4.1144	23	4.3104	4.5063	23	4.7022	4.8981	23	5.0941	5.2900
24	4.2667	4.4800	24	4.6933	4.9067	24	5.1200	5.3333	24	5.5467	5.7600

STANDARD OF 12 FEET BY 14 INCHES.

Dia'r	12 feet.	13 feet.	Dia'r	14 feet.	15 feet.	Dia'r	16 feet.	17 feet.	Dia'r	18 feet.	19 feet.
12	.7347	.7959	12	.8571	.9184	12	.9796	1.0408	12	1.1020	1.1633
13	.8622	.9341	13	1.0060	1.0778	13	1.1497	1.2215	13	1.2934	1.3652
14	1.0000	1.0833	14	1.1667	1.2500	14	1.3333	1.4167	14	1.5000	1.5833
15	1.1480	1.2436	15	1.3393	1.4349	15	1.5306	1.6263	15	1.7219	1.8176
16	1.3061	1.4150	16	1.5238	1.6327	16	1.7415	1.8503	16	1.9592	2.0680
17	1.4745	1.5974	17	1.7202	1.8431	17	1.9660	2.0889	17	2.2117	2.3346
18	1.6531	1.7908	18	1.9286	2.0663	18	2.2041	2.3418	18	2.4796	2.6173
19	1.8418	1.9953	19	2.1488	2.3023	19	2.4558	2.6093	19	2.7628	2.9162
20	2.0408	2.2109	20	2.3809	2.5510	20	2.7211	2.8912	20	3.0612	3.2313
21	2.2500	2.4375	21	2.6250	2.8125	21	3.0000	3.1875	21	3.3750	3.5625
22	2.4694	2.6752	22	2.8809	3.0867	22	3.2925	3.4983	22	3.7041	3.9099
23	2.6990	2.9239	23	3.1488	3.3737	23	3.5986	3.8235	23	4.0485	4.2734
24	2.9388	3.1837	24	3.4286	3.6735	24	3.9184	4.1633	24	4.4082	4.6531
Dia'r	20 feet.	21 feet.	Dia'r	22 feet.	23 feet.	Dia'r	24 feet.	25 feet.	Dia'r	26 feet.	27 feet.
12	1.2245	1.2857	12	1.3469	1.4082	12	1.4694	1.5307	12	1.5919	1.6531
13	1.4371	1.5089	13	1.5808	1.6526	13	1.7245	1.7963	13	1.8682	1.9401
14	1.6667	1.7500	14	1.8333	1.9167	14	2.0000	2.0833	14	2.1667	2.2500
15	1.9133	2.0089	15	2.1046	2.2003	15	2.2959	2.3916	15	2.4872	2.5829
16	2.1769	2.2857	16	2.3946	2.5034	16	2.6122	2.7211	16	2.8299	2.9388
17	2.4575	2.5804	17	2.7032	2.8261	17	2.9490	3.0719	17	3.1947	3.3176
18	2.7551	2.8929	18	3.0306	3.1684	18	3.3061	3.4439	18	3.5816	3.7194
19	3.0697	3.2232	19	3.3767	3.5302	19	3.6837	3.8372	19	3.9906	4.1441
20	3.4014	3.5714	20	3.7415	3.9116	20	4.0816	4.2517	20	4.4218	4.5918
21	3.7500	3.9375	21	4.1250	4.3125	21	4.5000	4.6875	21	4.8750	5.0625
22	4.1156	4.3214	22	4.5272	4.7330	22	4.9388	5.1445	22	5.3503	5.5561
23	4.4983	4.7232	23	4.9481	5.1730	23	5.3979	5.6229	23	5.8478	6.0727
24	4.8980	5.1429	24	5.3878	5.6327	24	5.8776	6.1224	24	6.3673	6.6122

STANDARD OF 12 FEET BY 13 INCHES.

Dia'r	12 feet.	13 feet.	Dia'r	14 feet.	15 feet.	Dia'r	16 feet.	17 feet.	Dia'r	18 feet.	19 feet.
12	.8521	.9231	12	.9941	1.0651	12	1.1361	1.2071	12	1.2781	1.3491
13	1.0000	1.0833	13	1.1667	1.2500	13	1.3333	1.4167	13	1.5000	1.5833
14	1.1598	1.2564	14	1.3531	1.4497	14	1.5464	1.6430	14	1.7396	1.8363
15	1.3314	1.4423	15	1.5533	1.6642	15	1.7751	1.8861	15	1.9970	2.1080
16	1.5148	1.6410	16	1.7673	1.8935	16	2.0197	2.1460	16	2.2722	2.3984
17	1.7101	1.8526	17	1.9951	2.1376	17	2.2801	2.4226	17	2.5651	2.7076
18	1.9172	2.0769	18	2.2367	2.3964	18	2.5562	2.7160	18	2.8757	3.0355
19	2.1361	2.3141	19	2.4921	2.6701	19	2.8481	3.0261	19	3.2041	3.3822
20	2.3669	2.5641	20	2.7613	2.9586	20	3.1558	3.3531	20	3.5503	3.7475
21	2.6095	2.8269	21	3.0444	3.2618	21	3.4793	3.6967	21	3.9142	4.1317
22	2.8639	3.1026	22	3.3412	3.5799	22	3.8185	4.0572	22	4.2959	4.5345
23	3.1302	3.3910	23	3.6519	3.9127	23	4.1736	4.4344	23	4.6953	4.9561
24	3.4083	3.6923	24	3.9763	4.2604	24	4.5444	4.8284	24	5.1124	5.3965
Dia'r	0 feet.	21 feet.	Dia'r	22 feet.	23 feet.	Dia'r	24 feet.	25 feet.	Dia'r	26 feet.	27 feet.
12	1.4201	1.4911	12	1.5621	1.6331	12	1.7041	1.7751	12	1.8462	1.9172
13	1.6667	1.7500	13	1.8333	1.9167	13	2.0000	2.0833	13	2.1667	2.2500
14	1.9329	2.0296	14	2.1262	2.2229	14	2.3195	2.4162	14	2.5128	2.6095
15	2.2189	2.3299	15	2.4408	2.5518	15	2.6627	2.7737	15	2.8846	2.9956
16	2.5247	2.6509	16	2.7771	2.9034	16	3.0296	3.1558	16	3.2821	3.4083
17	2.8501	2.9926	17	3.1351	3.2776	17	3.4201	3.5626	17	3.7051	3.8476
18	3.1953	3.3550	18	3.5148	3.6746	18	3.8343	3.9941	18	4.1538	4.3136
19	3.5602	3.7382	19	3.9162	4.0942	19	4.2722	4.4502	19	4.6282	4.8062
20	3.9448	4.1420	20	4.3393	4.5365	20	4.7337	4.9310	20	5.1282	5.3254
21	4.3491	4.5666	21	4.7840	5.0015	21	5.2189	5.4364	21	5.6538	5.8713
22	4.7732	5.0118	22	5.2505	5.4892	22	5.7278	5.9665	22	6.2051	6.4438
23	5.2170	5.4778	23	5.7387	5.9995	23	6.2604	6.5212	23	6.7821	7.0429
24	5.6805	5.9645	24	6.2485	6.5325	24	6.8168	7.1006	24	7.3846	7.6686

STANDARD OF 13 FEET BY 19 INCHES.

65

Dia'r.	12 feet.	13 feet.	Dia'r.	14 feet.	15 feet.	Dia'r.	16 feet.	17 feet.	Dia'r.	18 feet.	19 feet.
12	.3682	.3989	12	.4296	.4603	12	.4909	.5216	12	.5523	.5830
13	.4321	.4681	13	.5042	.5402	13	.5762	.6122	13	.6482	.6842
14	.5012	.5429	14	.5847	.6265	14	.6682	.7100	14	.7518	.7935
15	.5753	.6233	15	.6712	.7192	15	.7671	.8150	15	.8630	.9109
16	.6546	.7091	16	.7637	.8182	16	.8728	.9273	16	.9819	1.0364
17	.7390	.8006	17	.8621	.9237	17	.9853	1.0469	17	1.1085	1.1700
18	.8285	.8975	18	.9665	1.0356	18	1.1046	1.1737	18	1.2427	1.3117
19	.9231	1.0000	19	1.0769	1.1538	19	1.2308	1.3077	19	1.3846	1.4615
20	1.0228	1.1080	20	1.1933	1.2785	20	1.3637	1.4490	20	1.5342	1.6194
21	1.1276	1.2216	21	1.3156	1.4095	21	1.5035	1.5975	21	1.6915	1.7854
22	1.2376	1.3407	22	1.4439	1.5470	22	1.6501	1.7533	22	1.8564	1.9595
23	1.3527	1.4654	23	1.5781	1.6908	23	1.8035	1.9163	23	2.0290	2.1417
24	1.4728	1.5956	24	1.7183	1.8410	24	1.9638	2.0865	24	2.2092	2.3320
25	1.5981	1.7313	25	1.8645	1.9977	25	2.1308	2.2640	25	2.3972	2.5304
26	1.7285	1.8726	26	2.0166	2.1607	26	2.3047	2.4487	26	2.5928	2.7368
27	1.8641	2.0194	27	2.1747	2.3301	27	2.4854	2.6407	27	2.7961	2.9514
28	2.0047	2.1717	28	2.3388	2.5059	28	2.6729	2.8400	28	3.0070	3.1741
29	2.1504	2.3296	29	2.5088	2.6880	29	2.8672	3.0465	29	3.2257	3.4049
30	2.3013	2.4931	30	2.6848	2.8766	30	3.0684	3.2602	30	3.4519	3.6437
31	2.4573	2.6620	31	2.8668	3.0716	31	3.2764	3.4811	31	3.6859	3.8907
32	2.6184	2.8366	32	3.0548	3.2730	32	3.4912	3.7094	32	3.9276	4.1457
33	2.7846	3.0166	33	3.2487	3.4807	33	3.7128	3.9448	33	4.1769	4.4089
34	2.9559	3.2022	34	3.4485	3.6949	34	3.9412	4.1875	34	4.4338	4.6802
35	3.1323	3.3934	35	3.6544	3.9154	35	4.1764	4.4375	35	4.6985	4.9595
36	3.3139	3.5900	36	3.8662	4.1423	36	4.4185	4.6947	36	4.9708	5.2470
37	3.5005	3.7922	37	4.0840	4.3757	37	4.6674	4.9591	37	5.2508	5.5425
38	3.6923	4.0000	38	4.3077	4.6154	38	4.9231	5.2308	38	5.5385	5.8462
39	3.8892	4.2133	39	4.5374	4.8615	39	5.1856	5.5097	39	5.8338	6.1579
40	4.0912	4.4321	40	4.7731	5.1140	40	5.4549	5.7959	40	6.1368	6.4777

Dia'r.	20 feet.	21 feet.	Dia'r.	22 feet.	23 feet.	Dia'r.	24 feet.	25 feet.	Dia'r.	26 feet.	27 feet.
12	.6137	.6444	12	.6750	.7057	12	.7364	.7671	12	.7978	.8285
13	.7202	.7562	13	.7922	.8283	13	.8643	.9003	13	.9363	.9723
14	.8353	.8771	14	.9188	.9606	14	1.0023	1.0441	14	1.0859	1.1276
15	.9589	1.0068	15	1.0548	1.1027	15	1.1506	1.1986	15	1.2465	1.2945
16	1.0910	1.1455	16	1.2001	1.2546	16	1.3092	1.3637	16	1.4183	1.4728
17	1.2316	1.2932	17	1.3548	1.4164	17	1.4779	1.5395	17	1.6011	1.6627
18	1.3808	1.4498	18	1.5189	1.5879	18	1.6569	1.7260	18	1.7950	1.8641
19	1.5385	1.6154	19	1.6923	1.7692	19	1.8462	1.9231	19	2.0000	2.0769
20	1.7047	1.7899	20	1.8751	1.9604	20	2.0456	2.1308	20	2.2161	2.3013
21	1.8794	1.9734	21	2.0673	2.1613	21	2.2553	2.3492	21	2.4432	2.5372
22	2.0626	2.1658	22	2.2689	2.3720	22	2.4752	2.5783	22	2.6814	2.7846
23	2.2544	2.3671	23	2.4799	2.5926	23	2.7053	2.8180	23	2.9307	3.0435
24	2.4547	2.5775	24	2.7002	2.8229	24	2.9457	3.0684	24	3.1911	3.3139
25	2.6635	2.7967	25	2.9299	3.0631	25	3.1962	3.3294	25	3.4626	3.5958
26	2.8809	3.0249	26	3.1692	3.3130	26	3.4571	3.6011	26	3.7452	3.8892
27	3.1068	3.2621	27	3.4174	3.5728	27	3.7281	3.8834	27	4.0388	4.1941
28	3.3411	3.5082	28	3.6753	3.8423	28	4.0094	4.1764	28	4.3435	4.5105
29	3.5841	3.7633	29	3.9425	4.1217	29	4.3009	4.4801	29	4.6593	4.8385
30	3.8355	4.0273	30	4.2190	4.4108	30	4.6026	4.7944	30	4.9861	5.1779
31	4.0955	4.3002	31	4.5050	4.7098	31	4.9146	5.1193	31	5.3241	5.5289
32	4.3639	4.5821	32	4.8003	5.0185	32	5.2367	5.4549	32	5.6731	5.8913
33	4.6410	4.8730	33	5.1050	5.3371	33	5.5691	5.8012	33	6.0332	6.2653
34	4.9255	5.1728	34	5.4191	5.6655	34	5.9118	6.1581	34	6.4044	6.6508
35	5.2205	5.4816	35	5.7426	6.0036	35	6.2646	6.5257	35	6.7867	7.0477
36	5.5231	5.7993	36	6.0754	6.3516	36	6.6277	6.9039	36	7.1801	7.4562
37	5.8342	6.1259	37	6.4176	6.7094	37	7.0011	7.2928	37	7.5845	7.8762
38	6.1538	6.4615	38	6.7692	7.0769	38	7.3846	7.6923	38	8.0000	8.3077
39	6.4820	6.8061	39	7.1302	7.4543	39	7.7784	8.1025	39	8.4266	8.7507
40	6.8187	7.1596	40	7.5005	7.8415	40	8.1824	8.5233	40	8.8643	9.2052

66 CONTENTS OF SAW-LOGS IN FEET, BOARD MEASURE.

Dia'r.	12 feet.	13 feet.	Dia'r.	14 feet.	15 feet.	Dia'r.	16 feet.	17 feet.	Dia'r.	18 feet.	19 feet.
12	113.10	122.52	12	131.95	141.37	12	150.80	160.22	12	169.65	179.07
13	132.73	143.79	13	154.85	165.92	13	176.98	188.04	13	199.10	210.16
14	153.94	166.77	14	179.59	192.42	14	205.25	218.08	14	230.91	243.74
15	176.71	191.44	15	206.17	220.89	15	235.62	250.35	15	265.07	279.80
16	201.06	217.82	16	234.57	251.33	16	268.08	284.84	16	301.59	318.35
17	226.98	245.90	17	264.81	283.73	17	302.64	321.56	17	340.47	359.39
18	254.47	275.67	18	296.88	318.09	18	339.29	360.50	18	381.70	402.91
19	283.53	307.16	19	330.78	354.41	19	378.04	401.67	19	425.29	448.92
20	314.16	340.34	20	366.52	392.70	20	418.88	445.06	20	471.24	497.42
21	346.36	375.22	21	404.09	432.95	21	461.81	490.68	21	519.54	548.40
22	380.13	411.81	22	443.49	475.17	22	506.84	538.52	22	570.20	601.88
23	415.48	450.10	23	484.72	519.34	23	553.97	588.59	23	623.21	657.84
24	452.39	490.09	24	527.79	565.49	24	603.19	640.88	24	678.58	716.28
25	490.87	531.78	25	572.69	613.59	25	654.50	695.40	25	736.31	777.22
26	530.92	575.17	26	619.42	663.66	26	707.90	752.15	26	796.39	840.64
27	572.56	620.27	27	667.98	715.69	27	763.41	811.12	27	858.83	906.55
28	615.75	667.06	28	718.38	769.69	28	821.00	872.32	28	923.63	974.94
29	660.52	715.56	29	770.61	825.65	29	880.69	935.74	29	990.78	1045.82
30	706.86	765.76	30	824.67	883.57	30	942.48	1001.38	30	1060.29	1119.19
31	754.77	817.66	31	880.56	943.46	31	1006.36	1069.25	31	1132.15	1195.05
32	804.25	871.27	32	938.29	1005.31	32	1072.33	1139.35	32	1206.37	1273.39
33	855.30	926.57	33	997.85	1069.12	33	1140.40	1211.67	33	1282.95	1354.22
34	907.92	983.58	34	1059.24	1134.90	34	1210.56	1286.22	34	1361.88	1437.54
35	962.11	1042.29	35	1122.46	1202.64	35	1282.82	1362.99	35	1443.17	1523.35
36	1017.88	1102.70	36	1187.52	1272.34	36	1357.17	1441.99	36	1526.81	1611.64
37	1075.21	1164.81	37	1254.41	1344.01	37	1433.61	1523.21	37	1612.82	1702.42
38	1134.11	1228.64	38	1323.13	1417.64	38	1512.15	1606.66	38	1701.17	1795.68
39	1194.59	1294.14	39	1393.69	1493.24	39	1592.79	1692.34	39	1791.89	1891.43
40	1256.64	1361.36	40	1466.08	1570.80	40	1675.52	1780.24	40	1884.96	1989.68

Dia'r.	20 feet.	21 feet.	Dia'r.	22 feet.	23 feet.	Dia'r.	24 feet.	25 feet.	Dia'r.	26 feet.	27 feet.
12	188.50	197.92	12	207.35	216.77	12	226.19	235.62	12	245.04	254.47
13	221.22	232.28	13	243.34	254.40	13	265.46	276.53	13	287.59	298.65
14	256.56	269.39	14	282.22	295.05	14	307.88	320.70	14	333.53	346.36
15	294.52	309.25	15	323.98	338.70	15	353.43	368.16	15	382.88	397.61
16	335.10	351.86	16	368.61	385.37	16	402.12	418.88	16	435.63	452.39
17	378.30	397.22	17	416.13	435.05	17	453.96	472.88	17	491.79	510.71
18	424.12	445.32	18	466.53	487.73	18	508.94	530.14	18	551.35	572.59
19	472.55	496.18	19	519.80	543.43	19	567.06	590.68	19	614.31	637.94
20	523.60	549.78	20	575.96	602.14	20	628.32	654.50	20	680.68	706.86
21	577.27	606.13	21	634.99	663.86	21	692.72	721.58	21	750.45	779.31
22	633.55	665.23	22	696.91	728.59	22	760.27	791.94	22	823.62	855.30
23	692.46	727.08	23	761.71	796.33	23	830.95	865.57	23	900.20	934.82
24	753.98	791.68	24	829.38	867.08	24	904.78	942.48	24	980.18	1017.88
25	818.12	859.03	25	899.94	940.84	25	981.75	1023.65	25	1063.56	1104.47
26	884.88	929.13	26	973.37	1017.61	26	1061.86	1106.10	26	1150.35	1194.59
27	954.26	1001.97	27	1049.68	1097.40	27	1145.11	1192.82	27	1230.54	1288.25
28	1026.25	1077.57	28	1128.88	1180.19	28	1231.50	1282.82	28	1334.13	1385.44
29	1100.87	1155.91	29	1210.95	1266.00	29	1321.04	1376.08	29	1431.13	1486.17
30	1178.10	1237.00	30	1295.91	1354.81	30	1413.72	1472.62	30	1531.53	1590.43
31	1257.95	1320.84	31	1383.74	1446.64	31	1509.54	1572.43	31	1635.33	1698.23
32	1340.41	1407.43	32	1474.45	1541.47	32	1608.50	1675.52	32	1742.54	1809.56
33	1425.50	1496.77	33	1568.05	1639.32	33	1710.60	1781.87	33	1853.15	1924.42
34	1513.20	1588.86	34	1664.52	1740.18	34	1815.84	1891.50	34	1967.16	2042.82
35	1603.52	1683.70	35	1763.87	1844.05	35	1924.23	2004.40	35	2084.58	2164.75
36	1696.46	1781.28	36	1866.11	1950.93	36	2035.75	2120.57	36	2205.40	2290.22
37	1792.02	1881.62	37	1971.22	2060.82	37	2150.42	2240.02	37	2329.62	2419.22
38	1890.19	1984.70	38	2079.21	2173.72	38	2268.23	2362.74	38	2457.35	2551.76
39	1990.98	2090.53	39	2190.08	2289.63	39	2389.18	2488.73	39	2588.28	2687.83
40	2094.39	2199.11	40	2303.83	2408.55	40	2513.27	2617.99	40	2722.71	2827.43

CONTENTS OF SAW-LOGS IN CUBIC FEET.

67

19 feet.	13 feet.	13 feet.	14 feet.	15 feet.	16 feet.	17 feet.		
Dia. r.	Ft. ins. pts.	Ft. ins. pts.	Dia. r.	Ft. ins. pts.	Ft. ins. pts.	Dia. r.	Ft. ins. pts.	Ft. ins. pts.
179.07	12 9 5 1	10 2 6	12 10 11 11	11 9 4	12 12 6 10	13 4 3		
210.16	13 11 0 9	11 11 10	13 12 10 10	13 9 10	13 14 9 0	15 8 0		
243.74	14 12 9 11	13 10 9	14 14 11 7	16 0 5	14 17 1 3	18 2 1		
279.80	15 14 8 9	15 11 5	15 17 2 2	18 4 11	15 19 7 7	20 10 4		
318.35	16 16 9 1	18 1 10	16 19 6 7	20 11 4	16 22 4 1	23 8 10		
359.39	17 18 11 0	20 5 11	17 22 0 10	23 7 9	17 25 2 8	26 9 7		
402.91	18 21 2 6	22 11 8	18 24 8 11	26 6 1	18 28 3 4	30 0 6		
448.92	19 23 7 6	25 7 2	19 27 6 9	29 6 5	19 31 6 0	33 5 8		
497.42	20 26 2 2	28 4 4	20 30 6 6	32 8 8	20 34 10 11	37 1 1		
548.40	21 28 10 4	31 3 3	21 33 8 1	36 0 11	21 38 5 10	40 10 8		
601.88	22 31 8 2	34 3 10	22 36 11 6	39 7 2	22 42 2 10	44 10 6		
657.84	23 34 7 6	37 6 1	23 40 4 9	43 3 4	23 46 2 0	49 0 7		
716.28	24 37 8 5	40 10 1	24 43 11 9	47 1 6	24 50 3 2	53 4 11		
777.22	25 40 10 10	44 3 9	25 47 8 8	51 1 7	25 54 6 6	57 11 5		
840.64	26 44 2 11	47 11 2	26 51 7 5	55 3 8	26 58 11 11	62 8 2		
906.55	27 47 8 7	51 8 3	27 55 8 0	59 7 8	27 63 7 5	67 7 1		
974.94	28 51 3 9	55 7 1	28 59 10 5	64 1 8	28 68 5 0	72 8 4		
1045.82	29 55 0 6	59 7 7	29 64 2 7	68 9 8	29 73 4 8	77 11 9		
1119.19	30 58 10 10	63 9 9	30 68 8 8	73 7 7	30 78 6 6	83 5 5		
1195.05	31 62 10 9	68 1 8	31 73 4 7	78 7 6	31 83 10 4	89 1 3		
1273.39	32 67 0 3	72 7 3	32 78 2 3	83 9 4	32 89 4 4	94 11 4		
1354.22	33 71 3 4	77 2 7	33 83 1 10	89 1 1	33 95 0 5	100 11 8		
1437.54	34 75 7 11	81 11 7	34 88 3 3	94 6 11	34 100 10 7	107 2 3		
1523.35	35 80 2 1	86 10 3	35 93 6 6	100 2 8	35 106 10 10	113 7 0		
1611.64	36 84 9 11	91 10 8	36 98 11 6	106 0 4	36 113 1 2	120 2 0		
1702.42	37 89 7 3	97 0 10	37 104 6 5	112 0 0	37 119 5 7	126 11 3		
1795.68	38 94 6 1	102 4 7	38 110 3 2	118 1 8	38 126 0 2	133 10 8		
1891.43	39 99 6 7	107 10 2	39 116 1 8	124 5 3	39 132 8 9	141 0 4		
1989.68	40 104 8 8	113 5 4	40 122 2 1	130 10 10	40 139 7 6	148 4 3		

18 feet.	19 feet.	20 feet.	21 feet.	22 feet.	23 feet.
Dia. r.	Ft. ins. pts.	Ft. ins. pts.	Dia. r.	Ft. ins. pts.	Ft. ins. pts.
12 14 1 8	14 11 1	12 15 8 6	16 5 11	12 17 3 4	18 0 9
13 16 7 1	17 6 2	13 18 5 3	19 4 3	13 20 3 4	21 2 5
14 19 2 11	20 3 9	14 21 4 7	22 5 5	14 23 6 3	24 7 1
15 22 1 1	23 3 10	15 24 6 6	25 9 3	15 26 12 0	28 2 8
16 25 1 7	26 6 4	16 27 11 1	29 3 10	16 30 8 7	32 1 4
17 28 4 6	29 11 5	17 31 6 4	33 1 3	17 34 8 2	36 3 1
18 31 9 8	33 6 11	18 35 4 1	37 1 4	18 38 10 6	40 7 9
19 35 5 4	37 4 11	19 39 4 7	41 4 2	19 43 3 10	45 3 5
20 39 3 3	41 5 5	20 43 7 7	45 9 9	20 47 12 0	50 2 2
21 43 3 6	45 8 5	21 48 1 3	50 6 2	21 52 11 0	55 3 10
22 47 6 2	50 1 11	22 52 9 7	55 5 3	22 58 0 11	60 8 7
23 51 11 3	54 9 10	23 57 8 6	60 7 1	23 63 5 8	66 4 4
24 56 6 7	59 8 3	24 62 10 0	65 11 8	24 69 1 5	72 3 1
25 61 4 4	64 9 3	25 68 2 1	71 7 0	25 74 11 11	78 4 10
26 66 4 5	70 0 8	26 73 8 11	77 5 2	26 81 1 4	84 9 7
27 71 6 10	75 6 7	27 79 6 3	83 6 0	27 87 5 8	91 5 5
28 76 11 8	81 2 11	28 85 6 3	89 9 7	28 94 0 11	98 4 2
29 82 6 9	87 1 10	29 91 8 10	96 3 11	29 100 10 11	105 6 0
30 88 4 3	93 3 2	30 98 2 1	103 1 0	30 107 11 11	112 10 10
31 94 4 2	99 7 1	31 104 9 11	110 0 10	31 115 3 9	120 6 8
32 100 6 4	106 1 5	32 111 8 5	117 3 5	32 122 10 5	128 5 6
33 106 10 11	112 10 3	33 118 9 6	124 8 9	33 130 8 1	136 7 4
34 113 5 10	119 9 6	34 126 1 2	132 4 10	34 138 8 6	145 0 2
35 120 3 2	126 11 4	35 133 7 6	140 3 8	35 146 11 10	153 8 1
36 127 2 10	134 3 8	36 141 4 6	148 5 3	36 155 6 1	162 6 11
37 134 4 10	141 10 5	37 149 4 0	156 9 7	37 164 3 3	171 8 10
38 141 9 2	149 7 8	38 157 6 2	165 4 8	38 173 3 3	181 1 9
39 149 3 11	157 7 5	39 165 11 0	174 2 6	39 182 6 1	190 9 8
40 157 0 11	165 9 8	40 174 6 5	183 3 1	40 191 11 10	200 8 7

24 feet.			25 feet.			26 feet.			27 feet.			28 feet.			29 feet.		
Dia'r.	Ft. ins.	pts.	Dia'r.	Ft. ins.	pts.	Dia'r.	Ft. ins.	pts.	Dia'r.	Ft. ins.	pts.	Dia'r.	Ft. ins.	pts.	Dia'r.	Ft. ins.	pts.
12	18	10	2	19	7	7	12	20	5	1	21	2	6	12	21	11	11
13	22	1	6	23	0	6	13	23	11	7	24	10	8	13	25	9	8
14	25	7	11	26	8	8	14	27	9	6	28	10	4	14	29	11	2
15	29	5	5	30	8	2	15	31	10	11	33	1	7	15	34	4	4
16	33	6	1	34	10	11	16	36	3	8	37	8	5	16	39	1	2
17	37	10	0	39	4	10	17	40	11	9	42	6	8	17	44	1	7
18	42	4	11	44	2	2	18	45	11	4	47	8	7	18	49	5	9
19	47	3	1	49	2	8	19	51	2	4	53	1	11	19	55	1	7
20	52	4	4	54	6	6	20	56	8	8	58	10	10	20	61	1	0
21	57	8	9	60	1	7	21	62	6	5	64	11	4	21	67	4	2
22	63	4	3	65	11	11	22	68	7	7	71	3	4	22	73	11	0
23	69	2	11	72	1	7	23	75	0	2	77	10	10	23	80	9	5
24	75	4	9	78	6	6	24	81	8	2	84	9	11	24	87	11	7
25	81	9	9	85	2	8	25	88	7	7	92	0	6	25	95	5	4
26	88	5	10	92	2	1	26	95	10	4	99	6	7	26	103	2	10
27	95	5	1	99	4	10	27	103	4	6	107	4	3	27	111	4	0
28	102	7	6	106	10	10	28	111	2	2	115	5	5	28	119	8	9
29	110	1	0	114	8	1	29	119	3	2	123	10	2	29	128	5	3
30	117	9	9	122	8	7	30	127	7	6	132	6	5	30	137	5	4
31	125	9	6	131	0	5	31	136	3	4	141	6	3	31	146	9	1
32	134	0	6	139	7	6	32	145	2	6	150	9	7	32	156	4	7
33	142	6	7	148	5	10	33	154	5	2	160	4	5	33	166	3	8
34	151	3	10	157	7	6	34	163	11	2	170	2	10	34	176	6	6
35	160	4	3	167	0	5	35	173	8	7	180	4	9	35	187	0	11
36	169	7	9	176	8	7	36	183	9	5	190	10	3	36	197	11	1
37	179	2	5	186	8	0	37	194	1	7	201	7	3	37	209	0	10
38	189	0	3	196	10	9	38	204	9	3	212	7	9	38	220	6	3
39	199	1	2	207	4	9	39	215	8	3	223	11	10	39	232	3	5
40	209	5	3	218	2	0	40	226	10	9	235	7	5	40	244	4	2



	29 feet.		
	Ft.	ins.	pts.
22	9	4	
26	8	9	
31	0	0	
35	7	1	
40	5	11	
45	8	6	
51	3	0	
57	1	2	
63	3	3	
69	9	0	
76	6	8	
83	8	1	
91	1	3	
98	10	3	
106	11	1	
115	3	8	
124	0	1	
133	0	3	
142	4	3	
152	0	0	
161	11	7	
172	3	0	
182	10	2	
193	9	1	
204	11	10	
216	6	5	
228	4	9	
240	6	11	
253	0	10	